

with the new generation dew motor oils, your vehicle is the same as when you first got it.

Product Data Sheets



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**MADE
IN
TURKEY**

Gasoline and Diesel Engine Lubricants

Wisdom LS 0W20 V C5

Wisdom LS 0W30 C2

Wisdom LS 5W30 P&C

Wisdom LS 5W30 V

Wisdom LS 5W30 G

Wisdom LS 5W30 RN

Wisdom LS 5W30 F

Wisdom LS 5W30 ECO



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Wisdom LS OW20 V C5 ⁵⁰⁸⁻⁵⁰⁹ API SP

Low SAPS New Generation Engine Lubricants



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Product Description: Fully synthetic high viscosity indexed gasoline engine oil meeting API SP performance level. Specially produced for continuation of all heavy duty and high powered engines.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that require low SAPS like ACEA C5

CHEM. PROPERTIES	METHOD	
SAE J 300 Sınıflamas1 Classification		OW20
Renk / Color	GORSEL/VISUAL	Green
Yoęunluk/Density 15°C, gr/cm ³	ASTM D 4052	0,84 - 0,85
Viskozite/Viscosity 100 ° C , cSt	ASTM D 445	6,9 - 9,3
Viskozite İndeksi / Viscosity Index	ASTM D 2270	Min. 160
Akma Noktası/Pour Point ° C	ASTM D 97	Maks. -48
Parlama Noktası/Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

VW 508.00/509.00, GM dexos1™ Gen 3, Ford WSS-M2C947 A/B1, Ford WSS-M2C962 A, ILSAC GF-5, ACEA C5, Chrysler MS-6395, RENAULT RN17 FE

Storage : Açık alanda ambalajlar güneş ışığından ve yağmurdan korunmalıdır.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



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Wisdom LS 0W30 C2

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 0W30 C2 is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that require low SAPS like ACEA C2 and long-life engine oil specification; especially for Ford, Fiat, Peugeot/Citroen. Also recommended for Toyota, Honda, Suzuki, and Subaru.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		0W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,845-0,855
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -42
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SN, ACEA C2, ACEA A1/B1, A5/B5, FORD WSS M2C950A , Fiat 9.55535-GS1/DS1, PSA B71-2290

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

4x5 LT / 11 LT / 208 LT



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Wisdom LS 5W30 P&C

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 5W30 P&C is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that require low SAPS like ACEA C2; especially for Peugeot/Citroen and Fiat cars with particulate filter.

Meets Requirements:

API SN/CF, ACEA C2-12, PSA B71-2290, Fiat 9.55535-S1, RN0700, ACEA A1/B1, A5/B5

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

1x1 LT / 6x3,2 LT / 4x4 LT / 4x5 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210





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Wisdom LS 5W30 V

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 5W30 V is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that require low SAPS like ACEA C3; especially for VW group, Mercedes-Benz, and BMW.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SM/CF, ACEA C3-12, VW 504.00/507.00, MB 229.51, MB 229.31, BMW LL-04, Porsche C30

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT /3x7 LT / 208 LT



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Wisdom LS 5W30 G

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 5W30 G is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that require low SAPS like ACEA C3; especially for GM/Opel, Mercedes-Benz, and BMW. Also, it is recommended to be used in GM/Opel vehicles that require GMLL-B-025 and/or GM-LL-A-025 specifications.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SN/CF, ACEA C3-12, GM Dexos-2, MB 229.51/229.31, BMW LL-04,

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



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Wisdom LS 5W30 RN

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 5W30 RN is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that require low SAPS like ACEA C4; especially for Renault/Dacia vehicles that have low particulate filters.

Meets Requirements:

ACEA C4-12, API SN, Renault RN0720

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210



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Wisdom LS 5W30 F

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 5W30 F is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that complies with a synthetic engine oil specification and particulate filter; especially for Ford vehicles with WSSM2C913-D/913-C/913-B specifications.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 086
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

ACEA A5/B5-12, A1/B1-12, API SL/CF, FORD WSS-M2C913-D, FORD WSS-M2C913-C, FORD WSS-M2C913-B, JAGUAR LAND ROVER STJLR.03.5003, RENAULT RN 0700

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 3x7 LT / 10,5 LT / 208 LT



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Wisdom LS 5W30 ECO

Low SAPS New Generation Engine Lubricants



Product Description: Wisdom LS 5W30 ECO is a fully synthetic low SAPS engine oil designed to increase and preserve the efficiency of Car Emission Reduction Systems (in Diesel engines Diesel Particulate Filter, DPFs, and in Gasoline engines Three WAY Catalysts, TWCs) for new-generation diesel and gasoline automobiles, and light commercial vehicles.

Features and Benefits: It is fully compatible with Diesel Particulate Filters, DPFs, in diesel engines and Three WAY Catalysts, TWCs, in gasoline engines. It provides high performance with lower fuel consumption. The high cleaning power of the product helps to minimize stains like deposit and soot etc., thus, keeping the engine clean and extending its life. Also, it provides fuel economy with its superior friction reducing feature.

Applications : It is recommended for new generation diesel/gasoline automobiles and light commercial vehicles that complies with DPF or TWC and ACEA C2 and ACEA C3 specifications; especially for Euro 6-5-4-3 types of models between 2008-2018. Also, it can be used in vehicles have SAE 5W30 viscosity.

Meets Requirements:

ACEA C2 - 12 / C3 - 12, API SN/CF, MB 229.31. Ayrıca eski tip şartnameler: API SM /SL , MB 229.5 , MB 229.3 , MB 229.1 , ACEA A3/B4-04/B3, BMW LL-04, LL-01, VW 501.01/505.00 istenen araçlarda da kullanılması önerilir.

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT /3x7 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C , cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210



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Gasoline and Diesel Engine Lubricants

Fighter N 0W20 API SP

Fighter N 0W20 API SN

Fighter 10W60 SL

Fighter N 5W30 API SN

Fighter N 5W40 API SN

Fighter N 10W40 API SN



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Fighter P 0W20 API SP HYBRIT

Gasoline And Diesel Engine Lubricants



Product Description: Fully synthetic gasoline/diesel engine oil, improved for meeting fuel economy and high performance for new generation engines.

Features and Benefits: It is developed especially for gasoline engines for high performance and lubrication. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubrication feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications: It is recommended for new generation gasoline automobiles that require SAE 0W20, API SP and ILSAC GF-5 specifications; especially for Japanese vehicles such as Honda etc., that need low viscosity and fuel saving type of engine lubricants.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		0W20
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,84 - 0,85
Viscosity 100 ° C, cSt	ASTM D 445	5,6-9,3
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -45
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SP ILSAC GF-5 / 4 , ACEA A3/B4 , MB 229.5/ 229.3/229.1,
VW- 502.00 / 505.00/ 501.01, BMW LL-01, Renault RN0700/ 0710, Opel GM-LL-B-025, GM dexos 1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



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Fighter N 0W20 API SN **Gasoline And Diesel Engine Lubricants**



Product Description: Fighter N 0W20 API SN is a fully synthetic high performance gasoline engine oil that complies with API SN performance level. It can only be used in gasoline and diesel engines.

Features and Benefits: It is developed especially for gasoline engines for high performance and lubrication. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubrication feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications: It is recommended for new generation gasoline automobiles that require SAE 0W20, API SN and ILSAC GF-5 specifications; especially for Japanese vehicles such as Honda etc., that need low viscosity and fuel saving type of engine lubricants.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		0W20
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,84 - 0,85
Viscosity 100 ° C, cSt	ASTM D 445	5,6-9,3
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -45
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SN, ILSAC GF-5

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



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Fighter 10W60 SL

Gasoline And Diesel Engine Lubricants



Product Description: Fighter 10W60 API SL is a fully synthetic high performance gasoline engine oil that complies with API SL/CF that increases the performance of powered or high-powered engines operating in difficult conditions as well as ensuring its continuity. It can only be used in gasoline and diesel engines.

Features and Benefits: It is developed especially for gasoline engines for high performance and lubrication. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended for gasoline automobiles that require SAE 10W60 type engine oil with high viscosity and especially for turbocharged/compressor sports cars with high horsepower.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W60
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	21,9 - 26,0
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 220

Meets Requirements:

API SL / CF , ACEA A3/B4-04 , MB 229.1 , VW 501.01/505.00

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



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Fighter N 5W30 SN **Gasoline And Diesel Engine Lubricants**



Meets Requirements:

API SN/SM/SL/CF, ILSAC GF-5/4 , ACEA A3/B4 , MB 229.5/ 229.3/MB 229.1, VW 502.00/505.00/501.01, BMW LL-01, Renault RN0700/ 0710, Opel GM-LL-B-025, GM dexos 1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



Product Description: Fighter 5W30 API SN is a fully synthetic gasoline/diesel engine oil that complies with API SN/CF and ILSAC GF-5 (energy conserving) performance level. It is formulated specially by superior synthetic oil technology and high-tech additives for today's and older engines.

Features and Benefits: It has been developed with a low friction coefficient to provide high performance and fuel economy, especially in gasoline engines. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine, has a great lubrication feature, and offers great pumpability during low temperatures. With its fully synthetic nature, it extends the periods of oil change and minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended to be used in gasoline/ diesel-turbo/ non-turbo diesel automobiles and light commercial vehicles with direct injection systems for which SAE 5W30, API SN/SM/SL and ILSAC GF -5/4 specifications are required.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210





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Fighter N 5W40 SN

Gasoline And Diesel Engine Lubricants



Product Description: Fighter N 5W40 SN is a fully synthetic gasoline/diesel engine oil that complies with API SN/CF and ILSAC GF-5 (energy conserving) performance level. It is formulated specially by superior synthetic oil technology and high-tech additives for today's and older engines.

Features and Benefits: It has been developed with a low friction coefficient to provide high performance and fuel economy, especially in gasoline engines. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine, has a great lubrication feature, and offers great pumpability during low temperatures. With its fully synthetic nature, it extends the periods of oil change and minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended to be used in gasoline/ diesel-turbo/ non-turbo diesel automobiles and light commercial vehicles with direct injection systems for which SAE 5W40, API SN/SM/SL and ILSAC GF -5/4 specifications are required.

Meets Requirements:

AAPI SN/SM/SL/CF, ILSAC GF-5/4 , ACEA A3/B4 , MB 229.5/ 229.3/MB 229.1, VW 502.00/505.00/501.01, BMW LL-01, Renault RN0700/ 0710, Opel GM-LL-B-025, Porsche A40

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210



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Fighter N 10W40 SN

Gasoline And Diesel Engine Lubricants



Product Description: Fighter N 10W40 SN is a fully synthetic gasoline/diesel engine oil that complies with API SN/CF and ILSAC GF-5 (energy conserving) performance level. It is formulated specially by superior synthetic oil technology and high-tech additives for today's and older engines.

Features and Benefits: : It has been developed with a low friction coefficient to provide high performance and fuel economy, especially in gasoline engines. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine, has a great lubrication feature, and offers great pumpability during low temperatures. With its fully synthetic nature, it extends the periods of oil change and minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended to be used in gasoline/ diesel-turbo/ non-turbo diesel automobiles and light commercial vehicles with direct injection systems for which SAE 10W40, API SN/SM/SL and ILSAC GF -5/4 specifications are required.

Meets Requirements:

API SN/SM/SL/CF, ILSAC GF-5 / 4 , ACEA A3/B4 , MB 229.3/229.1, VW- 502.00 / 505.00/ 501.01, BMW LL-01, Renault RN0700/ 0710, Opel GM-LL-B-025, GM dexos 1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4x5 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86 - 0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 145
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210



Passenger, Light and Heavy Commercial Vehicles Engine Lubricants

Nous 5W30

Nous 5W40

Nous 10W30

Diesel Extra 10W40

Extender 10W40

Extender Ultra LS 10W40

Extender Ultra LS 5W30

Nous 15W40 T2

Nous 15W40 T1

Nous 20W50

LPG 20W50

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NOUS 5W30 API CI-4/SL

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: NOUS 5W30 is a synthetic, high performance, diesel/gasoline engine oil that complies with API CI-4/ SL performance level.

Features and Benefits: It is developed especially for diesel engines for high performance and lubrication. With its semi-synthetic form, it allows the lubrication feature to be as strong during both low and high temperatures; it doesn't change its form easily. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating and pumpability feature during low temperatures. Its synthetic form helps to extend the service periods and minimize the contamination in the crankcase during oil changes.

Applications : It is recommended for diesel/gasoline automobiles and light commercial vehicles where SAE 5W30 engine oil is required; especially for 2004-2012 model, Euro 4-3 type vehicles. It is not recommended for use in engines that have Car Emission Reduction Systems such as Diesel Particulate Filter in diesel engines and Three WAY Catalysts in gasoline engines.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -36
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API CI-4/SL, MB 228.3/229.1, ACEA 07-E7/B4/A3, ACEA 04- E7/B4/B3/A3

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

3x7 LT / 208 LT





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NOUS 5W40 API CI-4/SL

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: NOUS 5W40 is a synthetic, high performance, diesel/gasoline engine oil that complies with API CI-4/ SL performance level.

Features and Benefits: It is developed especially for diesel engines for high performance and lubrication. With its semi-synthetic form, it allows the lubrication feature to be as strong during both low and high temperatures; it doesn't change its form easily. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating and pumpability feature during low temperatures. Its synthetic form helps to extend the service periods and minimize the contamination in the crankcase during oil changes.

Applications : It is recommended for diesel/gasoline automobiles and light commercial vehicles where SAE 5W40 engine oil is required; especially for 2004-2012 model, Euro 4-3 type vehicles. It is not recommended for use in engines that have Car Emission Reduction Systems such as Diesel Particulate Filter in diesel engines and Three WAY Catalysts in gasoline engines.

Meets Requirements:

API CI-4/SL, MB 228.3/229.1, ACEA 07-E7/B4/A3, ACEA 04-E7/B4/B3/A3

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

6x3,2 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -36
Flash Point ° C	ASTM D 92	Min. 210



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NOUS 10W30 API CI-4/SL

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: NOUS 10W30 is a semi-synthetic high-performance diesel/gasoline engine oil that complies with API CI-4/SL performance level.

Features and Benefits: It is developed especially for diesel engines for high performance and lubrication. With its semi-synthetic form, it allows the lubricating feature to be as strong during both low and high temperatures; it doesn't change its form easily. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating and pumpability feature during low temperatures. Its synthetic form helps to extend the service periods and minimize the contamination in the crankcase during oil changes.

Applications : It is recommended for diesel/gasoline automobiles and light commercial vehicles that require SAE 10W30 type of engine oil; especially for vehicles that have Ford WSS-M2C921-A specifications. It is not recommended for use in engines that have Car Emission Reduction Systems such as Diesel Particulate Filter in diesel engines and Three WAY Catalysts in gasoline engines.

Meets Requirements:

API CI-4/SL, MB 228.3/229.1, ACEA 07-E7/B4/A3, ACEA 04-E7/B4/B3/A3

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

3x7 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,87
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -33
Flash Point ° C	ASTM D 92	Min. 210





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DIESEL EXTRA 10W40 API CI-4/SL

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: DIESEL EXTRA 10W40 is a semi-synthetic diesel engine oil that is formulated with high technology additives and high-performance base oils to meet API CI-4/SL performance level.

Features and Benefits: Its semi-synthetic form allows the lubricating feature to be outstanding while keeping its fluidity during low temperatures and its viscosity during high temperatures. This product minimises engine wear and ensures a longer engine life. It provides extra engine protection, long service periods and ensures economic advantages with its semi-synthetic formula.

Applications : It is recommended for naturally aspirated turbocharged/non-turbocharged diesel engines like light commercial or heavy-duty trucks, buses, construction machines, diesel generators etc. It is also recommended for use in old heavy-duty diesel engines.

Meets Requirements:

API CI-4/CH-4/SL ACEA E7/E5/E3/E2, MB 228.3 , MAN M3275, Mack EO – M PLUS, MTU Type 2
Volvo VDS-3/VDS-2, Renault RLD/RLD-2, Cummins 20078 / 20077 / 20076, CAT ECF-2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86 - 0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 145
Pour Point ° C	ASTM D 97	Maks. -33
Flash Point ° C	ASTM D 92	Min. 220



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EXTENDER 10W40 API CI-4

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: EXTENDER 10W40 is a synthetic, long-lasting high performance lubrication oil that meets the requirements of most of the new generation EURO 4 type low emission heavy-duty diesel engines, and engines operating in extreme conditions.

Features and Benefits: This product has outstanding fluidity and pumpability features during low temperatures due to its synthetic nature. In comparison to conventional oils, this product has a much higher viscosity index and high thermal stability and has a high resistance to engine tear. It is resistant to engine wear due to its new-generation additive technology. Therefore, it prevents bore polishing, extends the life of the engine, and reduces maintenance expenses. Its high TBN value provides a control against long-term deposit and engine wear.

Applications : It is recommended for EURO -4/5 heavy diesel engine trucks, construction machines, buses, and similar vehicles.

Meets Requirements:

AAPI CI-4, ACEA E-7/08 / E4 , MB 228.50 , MAN M3277, SCANIA LDF-2, VOLVO VDS-3/VDS-2 , MTU TYPE 3, MACK EOM PLUS, RENAULT TRUCK RXD/RLD-2, CUMMINS CES 20077/20078

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

20 LT / 208 LT

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86 - 0,87
Viscosity 100 ° C , cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210





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LONG LIFE LUBRICANTS

EXTENDER ULTRA LS 5W30 ACEA E6 / E7 / E9

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: EXTENDER ULTRA LS 5W30 is a synthetic, low SAPS heavy duty diesel engine lubricant.

Features and Benefits: It ensures savings without losing any of its performance and protection features compared to high viscosity oils (SAE 5W30). It is developed with new generation technology additives. This product has outstanding fluidity and pumpability features during low temperatures due to its synthetic nature. In comparison to conventional oils, this product has a much higher viscosity index and high thermal stability and has a high resistance to engine tear. It is resistant to engine wear due to its new-generation additive technology. It lasts extra long.

Applications : It is recommended for new generation EURO -5/6 heavy diesel engine trucks, construction machines, buses and similar vehicles with low ash level and emission reduction systems like DPF/SCR/DOC/CRT/EGR.

Meets Requirements:

API CJ-4, ACEA E6, E7, E9, JASO DH-2, CAT ECF-3, Cummins CES 20081, Deutz DQC IV-10LA, Mack EO-M Plus, EO-N Premium Plus, EO-O Premium Plus, MAN M 3677, MB-Approval 228.31/ 228.51, MTU Oil Category 3.1, RVI RLD-3, Volvo CNG VDS 4, Scania LDF-4, Ford WSS-M2C213-A1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		5W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,87
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210





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LONG LIFE LUBRICANTS

EXTENDER ULTRA LS 10W40 ACEA E6 / E7 / E9

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: EXTENDER ULTRA LS 10W40 is a synthetic, low SAPS heavy duty diesel engine lubricant.

Features and Benefits: It is produced with new-generation technology additives.

This product has outstanding fluidity and pumpability features during low temperatures due to its synthetic nature. In comparison to conventional oils, this product has a much higher viscosity index and high thermal stability and has a high resistance to engine tear. It is resistant to engine wear due to its new-generation additive technology. It lasts extra long.

Applications : It is recommended for new generation EURO -5/6 heavy diesel engine trucks, construction machines, buses and similar vehicles with low ash level and emission reduction systems like DPF/SCR/DOC/CRT/EGR.

Meets Requirements:

API CJ-4, ACEA E6, E7, E9, JASO DH-2, CAT ECF-3, Cummins CES 20081, Deutz DQC IV-10LA, Mack EO-O Premium Plus, MAN M 3271-1 M 3477, MB-Approval 228.51, MTU Oil Category 3.1, RVI RLD-3, Volvo CNG, VDS 4

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86 - 0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210





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LONG LIFE LUBRICANTS

NOUS 15W40 T2 API CI-4 / SL

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: NOUS 15W40 T2 is a synthetic diesel engine oil that is formulated with high technology additives and high-performance base oils to meet API CI-4/SL performance level.

Features and Benefits: It is developed especially for diesel engines for high performance and lubrication. It doesn't change its form according to different weathers; therefore, its outstanding lubricating feature stays the same even when seasons change. This product prevents engine wear and ensures a longer engine life. It has outstanding fluidity and pumpability features even during low temperatures. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended for naturally aspirated turbocharged/non-turbocharged diesel engines like light commercial or heavy-duty trucks, buses, construction machines, diesel generators etc. It is also recommended for use in old heavy-duty diesel engines.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		15W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,88 - 0,89
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 135
Pour Point ° C	ASTM D 97	Maks. -27
Flash Point ° C	ASTM D 92	Min. 220

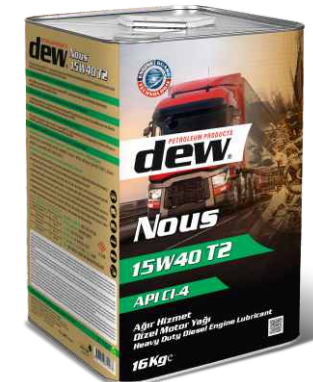
Meets Requirements:

API CI-4/CH-4/SL ACEA E7/E5/E3/E2, MB 228.3 , MAN M3275, Mack EO – M PLUS, MTU Type 2 Volvo VDS-3 /VDS2, Renault RLD/RLD-2, Cummins 20078 / 20077 / 20076, CAT ECF-2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

3x7 LT / 18 LT TIN / 208 LT





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NOUS 15W40 T1 API CF-4 / SJ

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: NOUS 15W40 T1 is a diesel and gasoline, high performance engine oil that complies with API CI-4/SJ performance level, suitable all-seasons.

Features and Benefits: It is developed especially for gasoline engines for high performance and lubrication. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended for gasoline engines where API CF-4/SJ performance level is required and in vehicles with turbocharged heavy-duty diesel engines. It is especially suitable for high mileage and old model gasoline automobiles and heavy-duty diesel engines to reduce oil loss. It is not recommended for new generation EURO 4 and following models with diesel or gasoline engines.

Meets Requirements:

API CF - 4 /SJ , ACEA E2, MB 228.1/227.1, MAN 270, MIL-L2104 D

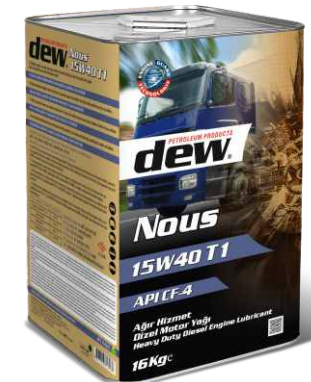
Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 4 x5 LT / 3x7 LT / 16 LT TIN / 18 LT TIN / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		15W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,88 - 0,89
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 130
Pour Point ° C	ASTM D 97	Maks. -27
Flash Point ° C	ASTM D 92	Min. 210





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NOUS 20W50 API SJ/CF

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: NOUS 20W50 is a diesel and gasoline, high performance engine oil that complies with API CI-4/SJ performance level, suitable all-seasons.

Features and Benefits: It is developed especially for gasoline engines for high performance and lubrication. This product resists engine wear and ensures a longer engine life. . It provides a high degree of protection for the engine and has a great lubricating feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended for gasoline engines where API CF-4/SJ performance level is required and in vehicles with turbocharged heavy-duty diesel engines. It is especially suitable for high mileage and old model gasoline automobiles and heavy-duty diesel engines to reduce oil loss. It is not recommended for new generation EURO 4 and following models with diesel or gasoline engines.

Meets Requirements:

API CF - 4 /SJ , MB 228.0/227.1, MAN 270, MTU TYPE 1

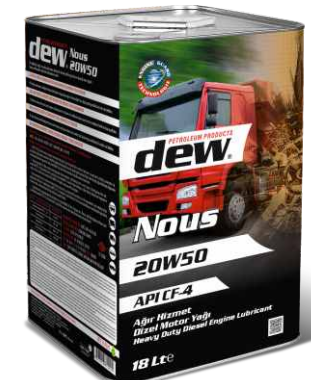
Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6 x 3 LT / 4x4 LT / 4 x5 LT / 16 LT TIN / 18 LT TIN / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		20W50
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0,89 - 0,90
Viscosity 100 ° C, cSt	ASTM D 445	16,3 - 21,9
Viscosity Index	ASTM D 2270	Min. 120
Pour Point ° C	ASTM D 97	Maks. -21
Flash Point ° C	ASTM D 92	Min. 220





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LPG 20W50 API SG

Passenger, Light and Heavy Commercial Vehicles Engine Lubricants



Product Description: LPG 20W50 is a LPG/gasoline, high performance engine oil that is suitable all-seasons.

Features and Benefits: It is developed especially for LPG/gasoline engines for high performance and lubrication. This product resists engine wear and ensures a longer engine life. . It provides a high degree of protection for the engine and has a great lubricating feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended for LPG/gasoline engines where API SG performance level is required. It is suitable for high mileage LPG automobiles to reduce oil loss.

Meets Requirements:

API SG

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		20W50
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0,89 - 0,91
Viscosity 100 ° C, cSt	ASTM D 445	16,3 - 21,9
Viscosity Index	ASTM D 2270	Min. 120
Pour Point ° C	ASTM D 97	Maks. -24
Flash Point ° C	ASTM D 92	Min. 220



Motorcycle Lubricants

FLY1 4T 10W40 Motocross

FLY1 4T 10W40 Touring

FLY1 4T 10W40 Racing

FLY1 4T 10W40 Scooter

FLY1 4T 20W50 HD

2T TC Two Stroke



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FLY1 4T Motocross 10W40 API SN PLUS

Motorcycle Lubricants



Product Description: 10W40 API SN PLUS is a high-performance, semi synthetic motorcycle oil specially designed for 4-stroke cress-country motorcycles.

Features and Benefits: With its specially designed formula that displays power, it offers you to achieve the maximum power from the motorcycle at high speeds and ensures the continuity of this power performance. The special formula of this product reduces friction losses inside the engine. Its high performance in wet clutch causes the maximum power to transfer to the back wheels. It, also, provides protection for the engine, clutch, and gears.

Applications : Recommended for use on all modern Japanese and European high-performance cross-country motorcycles where the performance levels and viscosity grades mentioned below are met.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86-0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SN PLUS, JASO MA2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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FLY1 4T Touring 10W40 API SN PLUS

Motorcycle Lubricants



Product Description: 10W40 API SN PLUS is a high-performance, semi synthetic motorcycle oil specially designed for 4-stroke touring motorcycles.

Features and Benefits: With its specially designed formula that displays power, it offers you to achieve the maximum power from the motorcycle at high speeds and ensures the continuity of this power performance. The special formula of this product reduces friction losses inside the engine. Its high performance in wet clutch causes the maximum power to transfer to the back wheels. It, also, provides protection for the engine, clutch, and gears.

Applications : Recommended for use on all modern Japanese and European high-performance touring motorcycles where the performance levels and viscosity grades mentioned below are met.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86-0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SN PLUS, JASO MA2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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FLY1 4T Racing 10W40 API SM Motorcycle Lubricants



Meets Requirements:

API SM, JASO MA2,

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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Product Description: High-performance, fully synthetic motorcycle oil specially designed for 4-stroke fast racing motorcycles.

Features and Benefits: With its specially designed formula that displays power, it offers you to achieve the maximum power from the motorcycle at high speeds and ensures the continuity of this power performance. The special formula of this product reduces friction losses inside the engine. Its high performance in wet clutch causes the maximum power to transfer to the back wheels. It, also, provides protection for the engine, clutch, and gears.

Applications : Recommended for use on all modern Japanese and European high-performance heavy segment motorcycles where the performance levels and viscosity grades mentioned below are met.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86-0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 210





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FLY1 4T Scooter 10W40 API SM

Motorcycle Lubricants



Product Description: 10W40 API SM is a high-performance, semi synthetic motorcycle oil specially designed for 4-stroke scooter motorcycles.

Features and Benefits: With its specially designed formula that displays power, it offers you to achieve the maximum power from the motorcycle at high speeds and ensures the continuity of this power performance. The special formula of this product reduces friction losses inside the engine. Its high performance in wet clutch causes the maximum power to transfer to the back wheels. It, also, provides protection for the engine, clutch, and gears.

Applications : It is recommended for 4-stroke scooter type gasoline motorcycles of Japanese/European or domestic origin where the manufacturer requests the performance levels recommended below.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,86-0,87
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API SM, JASO MA2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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FLY1 4T 20W50 HD API SG

Motorcycle Lubricants



Product Description: 20W50 HD API SG is a high-performance, fully synthetic motorcycle oil specially designed for 4-stroke chopper style motorcycles.

Features and Benefits: With its specially designed formula that displays power, it offers you to achieve the maximum power from the motorcycle at high speeds and ensures the continuity of this power performance. The special formula of this product reduces friction losses inside the engine. Its high performance in wet clutch causes the maximum power to transfer to the back wheels. It, also, provides protection for the engine, clutch, and gears.

Applications : Recommended for use on all modern Japanese and American high-performance heavy segment motorcycles where the performance levels and viscosity grades mentioned below are met.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		20W50
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0,89 - 0,90
Viscosity 100 ° C, cSt	ASTM D 445	16,3 - 21,9
Viscosity Index	ASTM D 2270	Min. 120
Pour Point ° C	ASTM D 97	Maks. -24
Flash Point ° C	ASTM D 92	Min. 220

Meets Requirements:

API SG, JASO MA2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



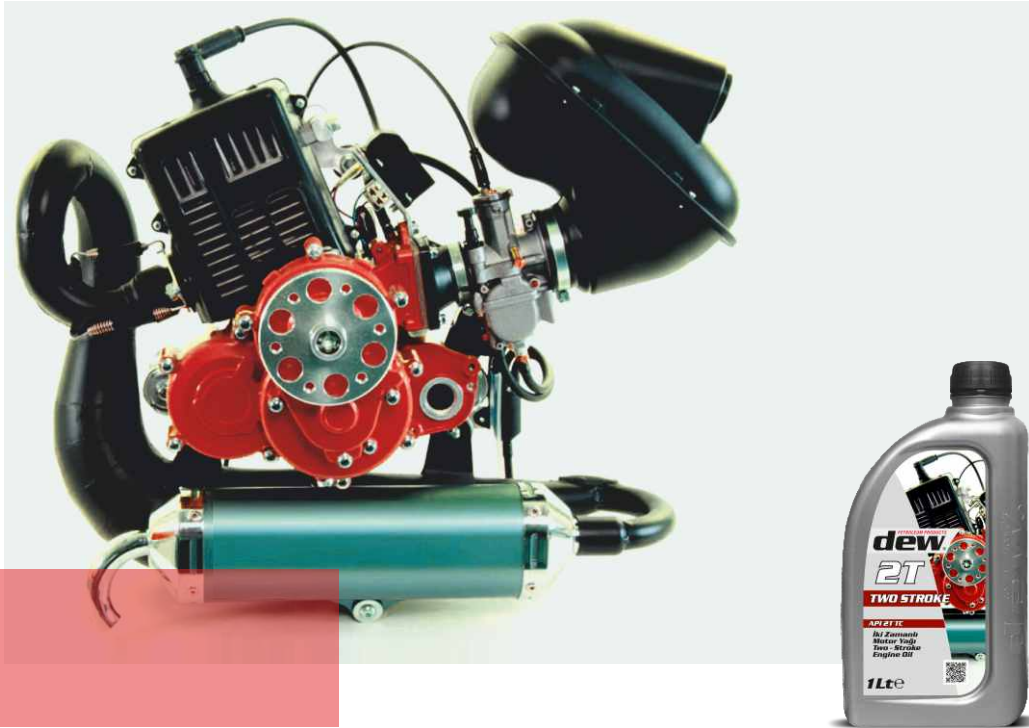
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2T TC Two Stroke Motorcycle Lubricants



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Product Description: 2T TC Two Stroke is a high performance, air-cooled, two-stroke gasoline engine lubricant.

Features and Benefits: This product offers a high lubricating feature as well as its detergent performance. It prevents piston and ring from clogging and engine deposits and exhaust from blockage.

Applications : It is recommended to be used in two-stroke, air-cooled gasoline engines by adding 2-5% to the gasoline; especially for motorcycles, scooter, scythe etc.

Meets Requirements:

API TC , JASO FC, GLOBAL GC, T.I.S.I.

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	2T
Color	VISUAL	DARK RED
Density 15°C, gr/cm ³	ASTM D 4052	0,88 - 0,89
Viscosity 100 ° C, cSt	ASTM D 445	6,8 - 8,3
Viscosity Index	ASTM D 2270	Min. 100
Pour Point ° C	ASTM D 97	Maks. -21
Flash Point ° C	ASTM D 92	Min. 150



Tractor Lubricants

Techfarmer UTTO 10W30

Techfarmer STOU 10W30

Profarmer 15W40

Profarmer 20W50



Techfarmer UTTO 10W30

Tractor Lubricants



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Product Description: Techfarmer UTTO 10W30 is a multigrade, extra high performance, multipurpose hydraulic and transmission tractor oil designed to meet the power train and hydraulic oil requirements of tractors.

Features and Benefits: With its high thermal and oxidation stability, it reduces the formation of deposit and sludge in differential and hydraulic systems. It offers longer equipment life and reduction in maintenance costs with its anti-wear and excess-pressure (EP) features. It provides excellent braking efficiency with its low friction features in oil-immersed disc brakes and reduces squeaking and rattling noises.

Applications : It is recommended for filling and topping up heavy-duty drivelines, differentials, final drives, hydraulic steering and systems, wet brakes used in agricultural and industrial applications. Particularly suitable for oil-immersed, sintered, bronze disc brakes. It can also be used in all gear applications that require EP 80W (API GL-4) gear oils except for hypoid gears.

Meets Requirements:

SAE 10W30, API GL-4 , MASSEY FERGUSON M 1139/1135 CASE NEW HOLLAND ESN-M2C-86 B, FORD M2C159B

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		10W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,88 - 0,89
Viscosity 100 ° C , cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 120
Pour Point ° C	ASTM D 97	Maks. -27
Flash Point ° C	ASTM D 92	Min. 210



Techfarmer STOU 10W30

Tractor Lubricants



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Product Description: Techfarmer STOU 10W30 is a mineral based, extra high performance, new generation, multi-purpose super tractor oil (STOU).

Features and Benefits: With its high thermal and oxidation stability, it reduces the formation of deposit and sludge in differential and hydraulic systems. It offers longer equipment life and reduction in maintenance costs with its anti-wear and excess-pressure (EP) features. It provides excellent braking efficiency with its low friction features in oil-immersed disc brakes and reduces squeaking and rattling noises. It ensures high performance in the engine.

Applications : It is formulated to be used in tractor and similar agricultural vehicles and equipment's engine, transmission, differential, wet brake, hydraulic, front axle systems.

Meets Requirements:

SAE 10W30 , Ford ESN-M2C86-B, API GL-4 ZF TE ML 06B/06C/07B, MASSEY FERGUSON CMS M1145/1144/1139, JOHN DEERE JDM J27 FORD M2C159B

Engine Performance:

API CF-4/SF, ACEA E2, MB 228.1, Caterpillar TO-2

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 20 LT / 208 LT



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CHEMICAL PROPERTIES		
SAE J 300 Classification		10W30
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,87 - 0,88
Viscosity 100 ° C, cSt	ASTM D 445	9,3 - 12,5
Viscosity Index	ASTM D 2270	Min. 130
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 210



Profarmer 15W40 API CF-4 / SJ

Tractor Lubricants



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Product Description: Profarmer 15W40 is a multigrade diesel engine oil developed for use in diesel engines of tractors and agricultural machinery.

Features and Benefits: It has been specially developed for tractors and similar agricultural vehicles. It is developed to offer high performance and lubrication. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended to be used in diesel engines of tractors, harvesters and diesel water pumps and similar agricultural work machine.

Meets Requirements:

API CF - 4 /SJ , ACEA E2, JOHN DEERE, NEW HOLLAND, FORD, MASSEY FERGUSON

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

9 LT TIN / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		15W40
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,88 - 0,89
Viscosity 100 ° C, cSt	ASTM D 445	12,5 - 16,3
Viscosity Index	ASTM D 2270	Min. 130
Pour Point ° C	ASTM D 97	Maks. -27
Flash Point ° C	ASTM D 92	Min. 210





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Profarmer 20W50 API CF-4 / SJ

Tractor Lubricants



Product Description: Profarmer 20W50 is a multigrade diesel engine oil developed for use in diesel engines of tractors and agricultural machinery.

Features and Benefits: It has been specially developed for tractors and similar agricultural vehicles. It is developed to offer high performance and lubrication. This product resists engine wear and ensures a longer engine life. It provides a high degree of protection for the engine and has a great lubricating feature. It, also, minimizes soot/deposits in the crankcase when changing the oil.

Applications : It is recommended to be used in diesel engines of tractors, harvesters and diesel water pumps and similar agricultural work machine.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		15W40
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0,89 - 0,90
Viscosity 100 ° C, cSt	ASTM D 445	16,3 - 21,9
Viscosity Index	ASTM D 2270	Min. 120
Pour Point ° C	ASTM D 97	Maks. -24

Meets Requirements:

API CF-4 / SJ, ACEA E2, JOHN DEERE, NEW HOLLAND, MASSEY FERGUSON

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

9 LT TIN / 208 LT



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Automotive Manuel Trans. And Gear Lubricants

Gos Syntech MTF 75W

Gos Syntech 75W80

Gos Syntech 75W90

Gos Hipo EP 80W90

Gos Hipo EP 85w140

Gos EP 80W90

Gos EP 80W / 90 / 140

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LONG LIFE LUBRICANTS

GOS Syntech MTF 75W

Full Synthetic Manual Transmission Fluid



Product Description: New technology fully synthetic manual transmission and differential oil.

Features and Benefits: It offers outstanding pumpability with keeping its excellent fluidity at low temperatures. It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. It provides protection against oxidation and deposit formation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : The performance recommended above for manual transmissions and differentials of passenger cars and heavy vehicles should be used according to their level.

NOTE : Do not use in locked or limited slip differentials.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		MTF 75W
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	4,2 - 7,5
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -59
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

API GL4, FORD WSS-M2C200-D2, GM 95599883, GM MTF 0063, BMW 2300 1434 404, BMW 2300 7533 513, BMW 2300 7533 818, BMW 8322 2167 666, BMW 83 22 0 396 706, BMW 83 22 7 533 818, BMW ZF MTF LT1, BMW ZF MTF LT2, BMW ZF MTF LT3, BMW ZF MTF LT5, MB 235.71, MB A 002 989 04 03, TOYOTA 08885-81001, TOYOTA 08885-81081, VOLVO 1161839, VOLVO 1161838, JAGUAR-LAND ROVER JLR GX73-M1R564-AA

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 208 LT



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LONG LIFE LUBRICANTS

GOS Syntech 75W80

Automotive Manuel Trans. And Gear Lubricants



Product Description: GOS Syntech 75W80 is a high-tech, fully synthetic, manual transmission and differential oil.

Features and Benefits: It offers outstanding pumpability with keeping its excellent fluidity at low temperatures. It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. It provides protection against oxidation and deposit formation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : It is recommended to be used in the manual transmission and differentials of automobiles and heavy vehicles in the recommended condition according to the SAE (75w80 or 75w90) classification and performance level.

Meets Requirements:

API GL-5 /GL-4+ /GL-4

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		75W80
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	7,0 - 11,0
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210





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LONG LIFE LUBRICANTS

GOS Syntech 75W90

Automotive Manuel Trans. And Gear Lubricants



Product Description: GOS Syntech 75W90 is a high-tech, fully synthetic, manual transmission and differential oil.

Features and Benefits: It offers outstanding pumpability with keeping its excellent fluidity at low temperatures. It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. It provides protection against oxidation and deposit formation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : It is recommended to be used on the front and rear axles in the manual transmission and differentials of heavy vehicles under the recommended condition.

Note: Do not use in locked/ limited slip differentials.

Meets Requirements:

API GL-5 /GL-4+ /GL-4

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		75W90
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0,85 - 0,86
Viscosity 100 ° C, cSt	ASTM D 445	13,5 - 18,5
Viscosity Index	ASTM D 2270	Min. 140
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 210



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GOS Hipo EP 80W90

Automotive Manuel Trans. And Gear Lubricants



Product Description: GOS Hipo EP 80W90 is a high performance, multigrade, excess-pressure (EP), mineral based, heavy-duty hypoid gear oil.

Features and Benefits: It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : It is recommended to be used in especially heavy vehicles' transmission, front/rear axle, and final drive units where there is excessive pressure and shock loading and in low-speed high torque, high-speed impact load and hypoid type gears.

Note: Do not use in locked/ limited slip differentials.

Meets Requirements:

API GL-5 / GL-4 / GL-1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		80W90
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0.89 - 0.91
Viscosity 100 ° C, cSt	ASTM D 445	13,5 - 18,5
Viscosity Index	ASTM D 2270	Min. 95
Pour Point ° C	ASTM D 97	Maks. -21
Flash Point ° C	ASTM D 92	Min. 200





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GOS Hipo EP 85W140

Automotive Manuel Trans. And Gear Lubricants



Product Description: GOS Hipo EP 85W140 is a high performance, multigrade, excess-pressure (EP), mineral based, heavy-duty hypoid gear oil.

Features and Benefits: It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : It is recommended to be used in especially heavy vehicles' transmission, front/rear axle, and final drive units where there is excessive pressure and shock loading and in low-speed high torque, high-speed impact load and hypoid type gears.

Note: Do not use in locked/ limited slip differentials.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		85W140
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0.89 - 0.91
Viscosity 100 ° C, cSt	ASTM D 445	24,0 - 32,0
Viscosity Index	ASTM D 2270	Min. 95
Pour Point ° C	ASTM D 97	Maks. -21
Flash Point ° C	ASTM D 92	Min. 200

Meets Requirements:

API GL-5 / GL-4 / GL-1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 208 LT

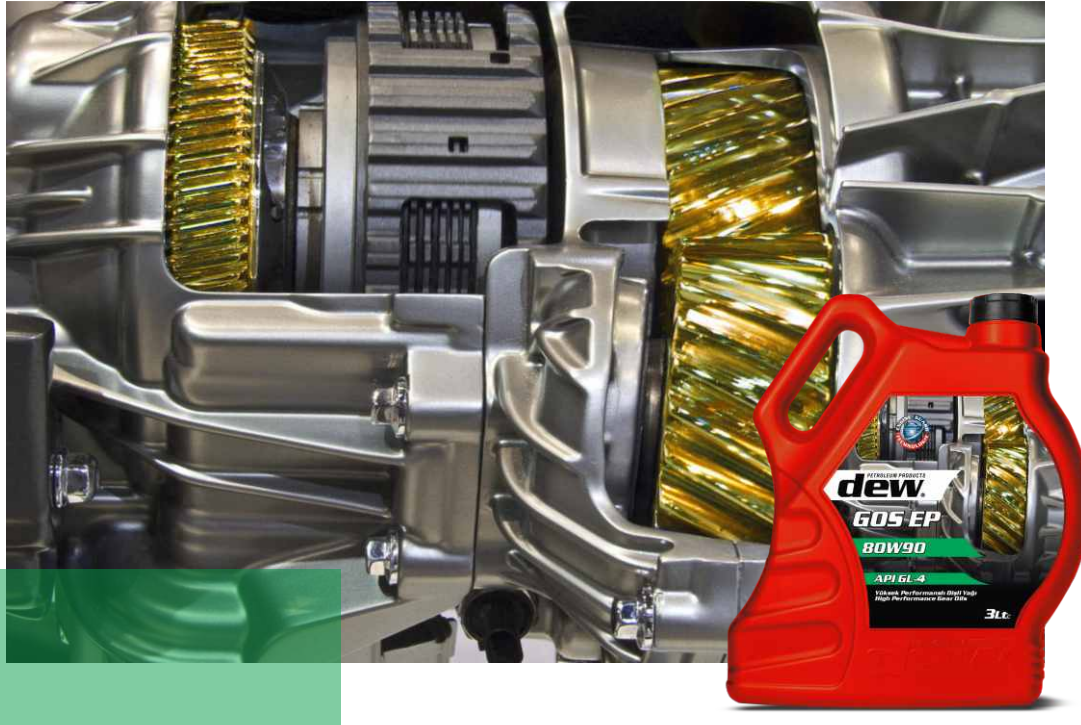




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GOS EP 80W90

Automotive Manuel Trans. And Gear Lubricants



Product Description: GOS EP 80W90 is a high performance, multigrade, excess-pressure (EP), mineral based, monograde gearbox lubricant.

Features and Benefits: It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : It is recommended for medium and heavy service manual gearboxes, axles and final drive units that requires API GL-4 performance level and in gear and transmission boxes of automobiles, light and heavy commercial vehicles and construction and agricultural machinery.

Note: Do not use in locked differentials. It is not suitable for hypoid type gear units; for those types, we suggest GOS HIPO EP series of lubricants.

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		80W90
Color	VISUAL	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0.89 - 0.91
Viscosity 100 ° C, cSt	ASTM D 445	13,5 - 18,5
Viscosity Index	ASTM D 2270	Min. 95
Pour Point ° C	ASTM D 97	Maks. -24
Flash Point ° C	ASTM D 92	Min. 200

Meets Requirements:

API GL-4/ GL-1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 208 LT



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GOS EP 80W - 90 - 140

Automotive Manuel Trans. And Gear Lubricants



Product Description: GOS EP 80W-90-140 is a high performance, multigrade, excess-pressure (EP), mineral based, monograde gearbox lubricant.

Features and Benefits: It provides excellent protection of parts due to its superior anti-wear feature and performance against extreme pressure. This product ensures excellent transmission cleaning with its thermal stability and resistance to oxidation. Also, it ensures the smooth operation of the systems while preventing rust and foam formation.

Applications : It is recommended for medium and heavy service manual gearboxes, axles and final drive units that requires API GL-4 performance level and in gear and transmission boxes of automobiles, light and heavy commercial vehicles and construction and agricultural machinery.

Note: Do not use in locked differentials. It is not suitable for hypoid type gear units; for those types, we suggest GOS HIPO EP series of lubricants.

CHEMICAL PROPERTIES	METHOD	80W	80W90	85W140
SAE J 300 Classification		80W	80W90	85W140
Color	VISUAL	Amber	Brown	Brown
Density 15°C, gr/cm ³	ASTM D 4052	0.88 - 0.89	0.89 - 0.91	0.89 - 0.91
Viscosity 100 ° C, cSt	ASTM D 445	7,0 - 11,0	13,5 - 18,5	24,0 - 32,0
Viscosity Index	ASTM D 2270	Min. 95	Min. 95	Min. 95
Pour Point ° C	ASTM D 97	Maks. -27	Maks. -21	Maks. -21
Flash Point ° C	ASTM D 92	Min. 180	Min. 200	Min. 200

Meets Requirements:

API GL-4/ GL-1

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 208 LT



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Automotive Automatic Transmission Fluids

PSF-345

Syntech ATF VA

Syntech DCTF - MULTI

Syntech CVTF - MULTI

Syntech ATF VI

Syntech ATF IV (+4)

Dew Ateso

Syntech ATF DEXRON IIIH

Syntech ATF DEXRON II

LHM PLUS

ZHS SERVO

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Syntech PSF-345

Automotive Automatic Transmission Fluids



Product Description: Syntech PSF-345 is an extra high performance, multifunctional and long life, synthetic hydraulic fluid/oil.

Features and Benefits: It has been developed to meet the highest level of technical requirements in the industry. It provides extra high performance and longer service periods under heavy operating conditions from -40 to 130 Celsius degrees.

Applications : Its use is recommended for power steering, level controllers, shock absorbers, hydropneumatics suspensions, stability and traction control systems, roof hydraulics of convertible vehicles and central locking systems. It's also recommended for mineral type servo/hydraulic steering systems.

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	GREEN
Density 15°C, gr/cm ³	ASTM D 4052	0.83
Viscosity 100 ° C, cSt	ASTM D 445	6,0 - 6,5
Viscosity Index	ASTM D 2270	Min. 300
Pour Point ° C	ASTM D 97	Maks. -48
Flash Point ° C	ASTM D 92	Min. 150

Meets Requirements:

MB 345.0, Audi/VW TL 52146.00, Ford WSS-M2C204-A, MAN M3289, ZF TE-ML 02K, DIN 51524T3, ISO 7308

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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Syntech ATF VA G 052 162 A (A1,A2) Automotive Automatic Transmission Fluids



Product Description: Multi-purpose synthetic automatic gearboxes for European manufacturers' vehicles transmission oil.

Features and Benefits: It provides fast power transfer and smooth gear changes at low temperatures. It helps the service period of transmission, gearbox and power steering systems to extend. By forming a permanent and stable film layer, it provides outstanding lubrication and protects it from engine wear. This product has a very low coefficient of friction. It is resistant to oxidation, corrosion and foaming. Also, it protects seal elements.

Applications : Automatic Transmission Fluid for Volkswagen and Audi

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		VA
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0.85
Viscosity 100 ° C, cSt	ASTM D 445	6,8 - 8,3
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -42
Flash Point ° C	ASTM D 92	Min. 200

Meets Requirements:

G 052 162 (A1,A2)

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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Syntech DCTF-Multi (DCT/DSG)

Automotive Automatic Transmission Fluids



Product Description: Syntech DCTF-Multi (DCT/DSG) is a synthetic, multi-purpose (can be used in different brands and models), wet type, dual clutch transmission oil.

Features and Benefits: Being fully synthetic makes it extra long-lasting and resistant to harsh conditions. It is resistant to engine wear, corrosion etc. This product ensures a high driving performance and an excellent protection of the gearbox by providing maximum protection under heavy driving conditions (using the car very fast, rapid acceleration like conditions). It is perfectly compatible with transmission sealing elements (elastomer materials). It ensures a protection of the transmission against engine wear and corrosion. Also, it prevents vibration in gear shifts with its friction reduction feature.

Applications : It is developed especially for dual-clutch-wet automatic transmissions. Therefore, it is recommended in 6 speed, dual-clutch DSG wet type transmissions for VW, Audi, Seat, Skoda group vehicles. Also recommended to be used in Peugeot, Citroen, Ford, Mitsubishi, Volvo, Chrysler, Ford 6-speed dual-clutch DCT transmissions, and in dual-clutch DCT transmissions with reference numbers recommended in BMW, Porsche and Mercedes-Benz vehicles.

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0.84 - 0.85
Viscosity 100 °C, cSt	ASTM D 445	5,8 - 6,5
Viscosity Index	ASTM D 2270	Min. 170
Pour Point °C	ASTM D 97	Maks. -42
Flash Point °C	ASTM D 92	Min. 200

Storage : Packages must be protected from exposure of sunlight and rain if storage on uncovered area.

Package Types :
16x1 LT / 208LT



BRAND TRANSMISSION TYPE	TYPE	REFERANS / SPECIFICATION
Audi / DQ 250 DQ 500	A3, TT	VW TL 052 182
Audi / DL 501	A4, A5, A6, A7, Q5	VW TL 052 529
BMW (Getrag) / DCI 500 DCI 700	1, 3, 5, 6, Serileri Z4, X1	83222148578/83222148579/83220440214/83222147477
Citroen / 6 DCT 451	DS5, C5, C4, C-Crosser	Peugeot / Citroen 9734.S2
Ford (Getrag) / 6DCT 450, 6DCT 451, 7DCT 300	Fiesta, Focus, Mondeo, B-Max, C-Max, S-Max, Galaxy, Transit	Ford M2C936A
Mercedes Benz / F-DCT 350, F-DCT 500	A Class, B Class	MB 236.21 (001 989 85 03)
Mitsubishi / 6DCT 470	Outlander	MZ320065 Dia-Queen SSTF-I
Nissan / 6DCT 451	Qashqai	Ford M2C936A
Peugeot / 6DCT 451	4007, 5008	Peugeot / Citroen 9734.S2
Porsche (ZF) / ZF 7DT45 HL, 7DT45HL, 7DT45HLA, 7DT45FL, 7DFL, 7DT70HLA, 7DT75, 7DT75A	Boxter, Cayman, 911, Panamera	Porsche Oil No: 999.917.080.00
Seat / DQ 250, DQ500	Ibiza, Toledo, Leon, Altea	VW TL 052 182
Skoda / DQ 250, DQ500	Fabia, Yeti, Octavia, Superb	VW TL 052 182
Volkswagen / DQ 250, DQ 500	Golf, Golf Plus, EOS, Scirocco, Caddy, Touran, Tiguan, Passat CC, Transporter	VW TL 052 182
Volvo / 6 DCT 450	C30, S40, S60, V40, V50, V60, V70, S80, XC30, XC60	1161838 / 1161839





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Syntech CVTF-Multi (CVT)

Automotive Automatic Transmission Fluids



Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :
16x1 LT / 208 LT



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Product Description: Syntech CVTF-Multi (CVT) is a synthetic, multi-purpose (can be used in different brands and models), wet type, dual clutch transmission oil.

Features and Benefits: Being fully synthetic makes it extra long-lasting and resistant to harsh conditions. It is resistant to engine wear, corrosion etc. This product ensures a high driving performance and an excellent protection of the gearbox by providing maximum protection under heavy driving conditions (using the car very fast, rapid acceleration like conditions). It is perfectly compatible with transmission sealing elements (elastomer materials). It ensures a protection of the transmission against engine wear and corrosion. Also, it prevents vibration in gear shifts with its friction reduction feature.

Applications : It is developed especially for dual-clutch-wet automatic transmissions. Therefore, it is recommended in 6 speed, dual-clutch DSG wet type transmissions for VW, Audi, Seat, Skoda group vehicles. Also recommended to be used in Peugeot, Citroen, Ford, Mitsubishi, Volvo, Chrysler, Ford 6-speed dual-clutch DCT transmissions, and in dual-clutch DCT transmissions with reference numbers recommended in BMW, Porsche and Mercedes-Benz vehicles.

Meets Requirements / Reference Numbers:

Audi / VW	CVT (TL 52180 G052 180 A2)	BMW	CVT 83220136376/83220429154	Chrysler	CVTF + 4
Bentley	CVT Fluid TC	Dodge Jeep	CVT NS-2 / CVTF + 4	Ford	CVT WSS-M2C-933-A (XT-7QCFT)
Volvo	CVT 23 / CVT 30 / Mercon C	GM/Saturn	DEX - CVT	Honda	Multimatic Fluid (HMMF)
BMW Mini	SP III/Genuine CVTF/ SP-CVT 1	Kia	CVT SP III / SP-CVT 1	Nissan	CVT NS-1 / NS-2 / NS-3
BMW Mini	CVT 236.20	Mini Cooper	CVT EZL 799/EZL 799A	Mitsubishi	CVTF-J1 Diaquenn CVTF-J1
Porsche	Lineartronic CVT Fluid	Suzuki	TC/ NS-2 / CVT Green1	Toyota Lexus	CVT Fluid TC

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0.84 - 0.85
Viscosity 100 ° C, cSt	ASTM D 445	5,8 - 6,5
Viscosity Index	ASTM D 2270	Min. 170
Pour Point ° C	ASTM D 97	Maks. -42
Flash Point ° C	ASTM D 92	Min. 200



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Syntech ATF VI

Automotive Automatic Transmission Fluids



Product Description: Syntech ATF VI is a high quality, fully synthetic automatic transmission oil produced with a combination of special additives that complies with GM DEXRON VI and Ford Mercon LV specifications.

Features and Benefits: It provides fast power transfer and smooth gear changes at low temperatures. It helps the service period of transmission, gearbox and power steering systems to extend. By forming a permanent and stable film layer, it provides outstanding lubrication and protects it from engine wear. This product has a very low coefficient of friction. It is resistant to oxidation, corrosion and foaming. Also, it protects seal elements.

Applications : It is recommended for automatic transmissions of multifunctional new generation automobiles and light commercial vehicles that especially complies with GM DEXRON VI, Ford Mercon LV and JASO 1A specifications.

Meets Requirements:

GM DEXRON® VI / IIIH, Ford Mercon® LV, MB 236.12 & 236.14, JASO M315 1A-LV, Hyundai / Kia SP-IV/SPH-IV, Toyota T-WS (JWS 3324), Nissan Matic S, ZF M-1375.4 (6HP), Ford M-SP, Hyundai NWS-9638, ZF 8-speed ATs,

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		ATF VI
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0.84 - 0.85
Viscosity 100 ° C, cSt	ASTM D 445	5,8 - 6,4
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -42
Flash Point ° C	ASTM D 92	Min. 200





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Syntech ATF IV (+4) TYPE MS-9602

Automotive Automatic Transmission Fluids



Product Description: Improved new formula, high performance automatic transmission fluid and power Steering Oil , meeting ATF +4.

Features and Benefits: It provides fast power transfer and smooth gear changes at low temperatures. It helps the service period of transmission, gearbox and power steering systems to extend. By forming a permanent and stable film layer, it provides outstanding lubrication and protects it from engine wear. This product has a very low coefficient of friction. It is resistant to oxidation, corrosion and foaming. Also, it protects seal elements.

Applications : Recommended to use as Automatic transmission Fluid for old model passenger cars, light duty commercials. Recommended also for use as power steering oil

Meets Requirements:

MOPAR ATF+ MS 7176 [™] MOPAR ATF 2[™] MS 7176, MOPAR ATF 3[™], MOPAR ATF 4[™]
TYPE MS-9602 FLUID

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 4x4 LT / 208 LT



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CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		ATF IV
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0.84 - 0.85
Viscosity 100 ° C, cSt	ASTM D 445	5,8 - 6,4
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -42
Flash Point ° C	ASTM D 92	Min. 200

Geliştirilen yeni formülü ile yüksek performanslı, ATF +4 spesifikasyonlarını karşılayan otomatik şanzıman/transmisyon ve hidrolik direksiyon yağıdır.

MOPAR ATF+ MS 7176 [™] MOPAR ATF 2[™] MS 7176, MOPAR ATF 3[™], MOPAR ATF 4[™]
TYPE MS-9602 FLUID

TR- ATF + 4 şartnameleri istenen binek, hafif ticari araçların otomatik şanzımanlarında ve transmisyonlarda ve yüksek performanslı hidrolik direksiyon yağı olarak da kullanılması önerilir.





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ATESO ATF (LT 71141)

Automotive Automatic Transmission Fluids



Product Description: Superior characteristic synthetic automatic transmission fluid produced by special additive combination meeting LT 71141 specifications.

Features and Benefits: High thermal and chemical stability due to the synthetic structure, longer fluid and service life. Perfect cold climate performance. Perfect wear and protection characteristics at severe summer conditions. Excellent performance at sport drive situations. Excellent parts material compatibility. Smooth and less noise gear shifting so reduces fuel consumption and consistent shifting performance. Effective and strong resistance to foaming that provides consistent shifting performance

Applications : Recommended to use as Automatic transmission Fluid for passenger cars, light duty commercials needed VW TL 71141 / 52162, BMW ATF-4

CHEMICAL PROPERTIES	METHOD	
SAE J 300 Classification		
Color	VISUAL	Amber
Density 15°C, gr/cm ³	ASTM D 4052	0.85
Viscosity 100 ° C, cSt	ASTM D 445	6,8 - 8,3
Viscosity Index	ASTM D 2270	Min. 160
Pour Point ° C	ASTM D 97	Maks. -42
Flash Point ° C	ASTM D 92	Min. 200

Meets Requirements:

VW TL 71141 / 52162, BMW ATF-4, MB 236.11, Voith G1363, ZF-TE-ML-4D/11B/14B/17

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 20 LT / 208 LT



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ATF DEXRON IIIH

Automotive Automatic Transmission Fluids



Product Description: ATF DEXRON IIIH is a high performance, automatic transmission oil that meets GM DEXRON IIIH and Ford Mercon specifications, produced with a combination of quality paraffinic base oils and special additives.

Features and Benefits: It ensures comfortable gear shifts even at low temperatures. It offers longer periods for oil changing in automatic transmissions and power steering units. This product provides outstanding lubrication, power transmission and high protection against wear in hydraulic units. Also, it ensures protection against oxidation, rust and corrosion and foam.

Applications : It is recommended to be used as a high performance power steering oil, especially in manual or automatic transmissions of automobiles, light commercial and some agricultural equipment where GM DEXRON IID or Ford Mercon specifications are required.

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	RED
Density 15°C, gr/cm ³	ASTM D 4052	0.87
Viscosity 100 ° C, cSt	ASTM D 445	6,8 - 8,3
Viscosity Index	ASTM D 2270	Min. 150
Pour Point ° C	ASTM D 97	Maks. -39
Flash Point ° C	ASTM D 92	Min. 200



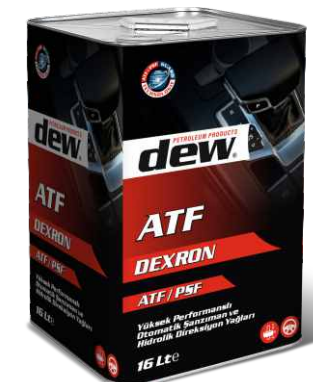
Meets Requirements:

GM DEXRON® IIIH, Ford Mercon®, MB 236.9/236.7, ALLISON C-4, Volvo STD 1273.40/1273.41, ZF TE-ML 14A, 04D, 17C, 03D, MAN 339 Typ V1/Z1, Voith Turbo H55.6335.xx

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 4x4 LT / 4x5 LT / 20 LT / 16 LT TIN / 208 LT



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ATF DEXRON II

Automotive Automatic Transmission Fluids



Product Description: ATF DEXRON II is a high performance, transmission and power steering oil that meets GM DEXRON II and Ford Mercon specifications.

Features and Benefits: It offers high performance especially in steering units and longer periods for oil change. Its optimum film layer helps to provide outstanding lubrication, power transmission and high protection against wear in gear and hydraulic units. Also, it ensures protection against oxidation, rust and corrosion and foam.

Applications : It is recommended to be used as a high performance power steering oil, especially in manual or automatic transmissions of automobiles, light commercial and some agricultural equipment where GM DEXRON IID or Ford Mercon specifications are required.

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	RED
Density 15°C, gr/cm ³	ASTM D 4052	0.84 - 0.85
Viscosity 100 ° C, cSt	ASTM D 445	6,8 - 8,3
Viscosity Index	ASTM D 2270	Min. 130
Pour Point ° C	ASTM D 97	Maks. -30
Flash Point ° C	ASTM D 92	Min. 200

Meets Requirements:

GM DEXRON® IID, Ford Mercon®, MB 236.2, ALLISON C-4, GM Type A Suffix A (TASA)

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 6x3 LT / 16 LT TIN / 208 LT



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LHM PLUS PSA B71 2710

Mineral Brake and Clutch Hydraulic Fluid



Product Description: Brake or clutch of automobiles, tractors and agricultural machinery mineral based hydraulic fluid developed for hydraulic systems.

Features and Benefits: It has been developed to meet the highest level of technical requirements in the industry. It provides extra high performance and longer service periods under heavy operating conditions from -40 to 130 Celsius degrees.

Applications : Never mix with synthetic based DEW DOT 4 brake hydraulic fluid.

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	GREEN
Density 15°C, gr/cm ³	ASTM D 4052	0,83 - 0,84
Viscosity 100 ° C, cSt	ASTM D 445	6,0 - 6,5
Viscosity Index	ASTM D 2270	Min. 300
Pour Point ° C	ASTM D 97	Maks. -48
Flash Point ° C	ASTM D 92	Min. 150

Meets Requirements:

ISO 7308, PSA (Citroën) B71 2710, MAT 3630 Brake LHM Fluid

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



ZHS SERVO

Automotive Automatic Transmission Fluids



Meets Requirements:

VW G002 000 , ISO 7308

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16x1 LT / 208 LT



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Product Description: ZHS SERVO is a multi-purpose, non-automatic hydraulic unit and power steering oil produced with special performance additives and base oils.

Features and Benefits: It provides resistance to oxidation, rust and corrosion. With its high viscosity index, the product does not change its form at high and low temperatures.

Applications : Its use is recommended for non- automatic hydraulic units and in power steering, level control, hydro-pneumatic suspensions.

CHEMICAL PROPERTIES	METHOD	
Color	VISUAL	GREEN
Density 15°C, gr/cm ³	ASTM D 4052	0.87
Viscosity 100 ° C , cSt	ASTM D 445	6,8 - 8.3
Viscosity Index	ASTM D 2270	Min. 200
Pour Point ° C	ASTM D 97	Maks. -36
Flash Point ° C	ASTM D 92	Min. 200



Hydraulic Lubricants

Hydro Roller 46

Hydro Roller 68

Hydro Roller C Serie

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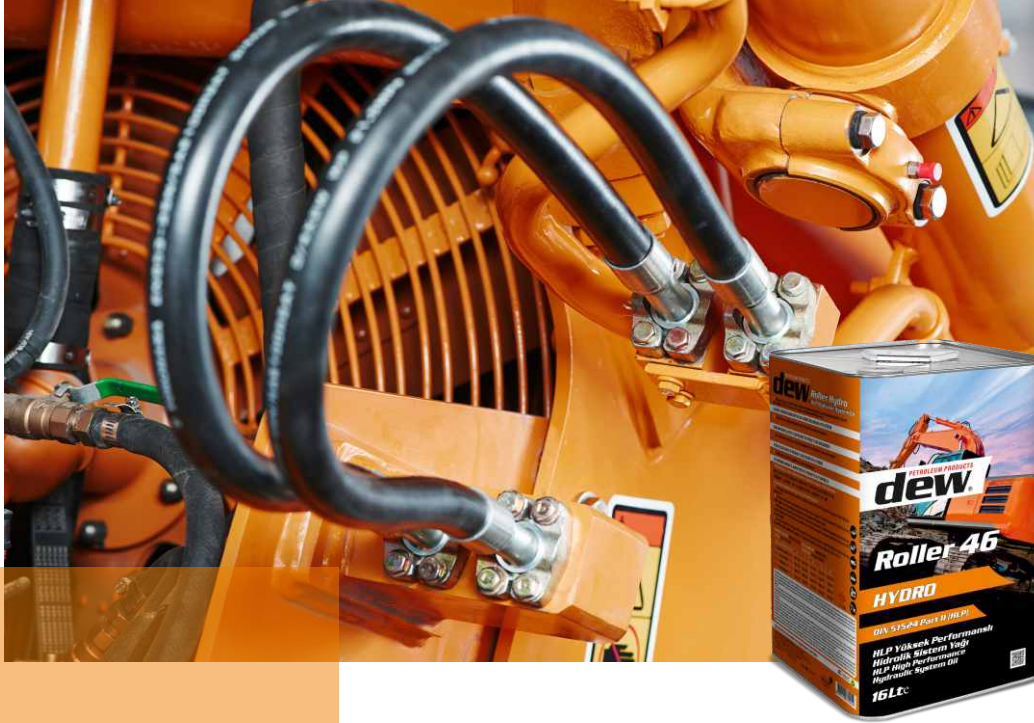
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Hydro Roller 46

Hydraulic Lubricants



Product Description: Hydro Roller 46 is a high performance, hydraulic oil designed to meet the requirements of standard hydraulic units. Product composition: It consists of highly refined mineral base oils and performance additives.

Features and Benefits: It perfectly protects hydraulic systems against rust, wear and oxidation. It ensures an efficient operation of hydraulic systems and minimizes pressure loss at high temperatures.

Applications : It is recommended to be used in hydraulic equipment such as commercial vehicles, construction machinery, pallet truck etc. according to the appropriate ISO viscosity value.

CHEMICAL PROPERTIES	METHOD		
Viscosity Classification	ISO 3448	32	46
Density 15°C, gr/cm ³	ASTM D 4052	0.88	0.88
Viscosity 40 ° C , cSt	ASTM D 445	28,8 - 35.6	40,4 - 50.6
Viscosity Index	ASTM D 2270	Min. 90	Min. 90
Pour Point ° C	ASTM D 97	Maks. -27	Maks. -24
Flash Point ° C	ASTM D 92	Min. 200	Min. 200

Meets Requirements:

DIN 51524 Part II, FIVES CINCINNATI P-68(ISO VG 32), P69 (ISO VG 68), P-70(ISO VG 46), DENISON HF - O, VICKERS I - 286- S3, VICKERS M -2950- S, AFNOR NF E 48 – 603

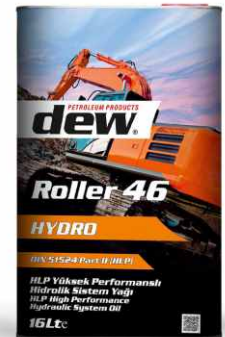
Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 20 LT / 208 LT



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Hydro Roller 68

Hydraulic Lubricants



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Product Description: Hydro Roller 68 is a high performance, hydraulic oil designed to meet the requirements of standard hydraulic units. Product composition: It consists of highly refined mineral base oils and performance additives.

Features and Benefits: It perfectly protects hydraulic systems against rust, wear and oxidation. It ensures an efficient operation of hydraulic systems and minimizes pressure loss at high temperatures.

Applications : It is recommended to be used in hydraulic equipment such as commercial vehicles, construction machinery, pallet truck etc. according to the appropriate ISO viscosity value.

Meets Requirements:

DIN 51524 Part II, FIVES CINCINNATI P-68(ISO VG 32), P69 (ISO VG 68), P-70(ISO VG 46), DENISON HF - O, VICKERS I - 286- S3, VICKERS M -2950- S, AFNOR NF E 48 – 603

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

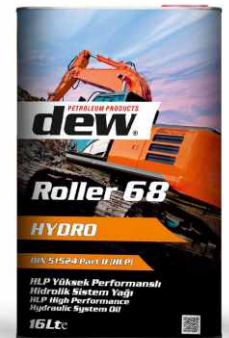
16 LT TIN / 20 LT / 208 LT



CHEMICAL PROPERTIES	METOT/METHOD		
Viscosity Classification	ISO 3448	68	100
Density 15°C, gr/cm ³	ASTM D 4052	0.88	0.89
Viscosity 40 ° C , cSt	ASTM D 445	61,2 - 74.8	90,0 - 110.0
Viscosity Index	ASTM D 2270	Min. 95	Min. 95
Pour Point ° C	ASTM D 97	Maks. -30	Maks. -27
Flash Point ° C	ASTM D 92	Min. 200	Min. 200



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Hydro Roller C Serie

Hydraulic Lubricants



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Product Description: Hydro Roller C Serie are extra high performance, industrial hydraulic oils designed to meet the requirements of modern hydraulic units operating at high pressures and temperatures.

Features and Benefits: They are developed with advanced additives that prevent rust, oxidation, and foam. Its water separation feature (demulsibility) is outstanding. With its high viscosity index, it provides smooth operation in sensitive systems.

Applications : It is recommended to be used in industrial hydraulic equipment and work machines. It should be used according to the appropriate viscosity value, especially in hydraulic units operating in high pressure and temperature conditions and in equipment that is called sensitive hydraulic systems which require pressure/temperature precision.

Meets Requirements:

DIN 51524 part III (HVL), ISO 11158 HV, ASTM D6158, SAE MS 1004, DENISON HF-0/HF-1/HF-2, FIVES CINCINNATI P-68/ P-69/ P-70, VICKERS I-286 S-3, VICKER M-2950-S, AFNOR NF E 48-603

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

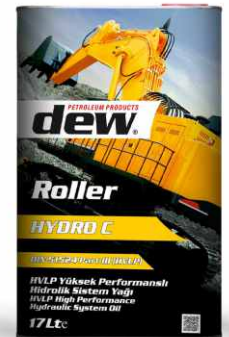
16 LT TIN / 20 LT / 208 LT



CHEMICAL PROPERTIES	METOT/METHOD				
Viscosity Classification	ISO 3448	32	46	68	100
Density 15°C, gr/cm ³	ASTM D 4052	0.88	0.88	0.88	0.89
Viscosity 40 °C , cSt	ASTM D 445	28,8 - 35.6	40,4 - 50.6	61,2 - 74.8	90,0 - 110.0
Viscosity Index	ASTM D 2270	Min. 130	Min. 130	Min. 130	Min. 130
Pour Point ° C	ASTM D 97	Maks. -33	Maks. -30	Maks. -30	Maks. -27
Flash Point ° C	ASTM D 92	Min. 200	Min. 200	Min. 200	Min. 200



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Industrial Lubricants

BOX CS Serie "ISO VG 68/100/150/220/320/460"

Syntech CS Serie "ISO VG 150/220/320"

Syntech Compressor Fluid Serie "ISO VG 32/46/68"

Slideway Oil Serie "ISO VG 68/220"

Compressor Oil Serie "ISO VG 32/46/68"

Turbine Oil Serie "ISO VG 32/46/68"

Dewon® Mold Oil

Heat Transfer Oil "ISO VG 32"

Neat Cutting Fluids B/BX – C/CX Series "ISO VG 32/46"



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BOX CS Serie

Industrial Enclosed Gear Lubricants



Product Description: BOX CS Serie are fully synthetic, closed system gear oils developed for industrial purposes that have excellent excess-pressure (EP/AW) performance.

Features and Benefits: They are extra high-performance oils which offer several times more of a longer life than mineral-based gear oils. It has a high resistance to excess pressure (EP). Its synthetic basis (PAO-polyalphaolefin) offers excellent thermal resistance, in other words, it is resistant to oxidation. This series is resistant to wear and friction scratches on the gears and its micro pitting feature is excellent.

Applications : It is recommended to be used in the plastic industry (extruder gearboxes) where gear protection and extra-long life and high performance oils are required and in the elevator industry, gearboxes operating under heavy load and pressure and all enclosed plain or bearing gearboxes.

Meets Requirements:

USS 224, David Brown S1.53.101 (E), AGMA 9005 - E02, DIN 51517 Part 3 CLP

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 208 LT



CHEMICAL PROPERTIES	METHOD						
ISO Viscosity Classification	ISO 3448	68	100	150	220	320	460
AGMA NO Number Classification	AGMA 9005	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP
Density 15°C, gr/cm ³	ASTM D 4052	0.88	0.89	0.89	0.9	0.9	0.91
Viscosity 40 ° C , cSt	ASTM D 445	61,2 - 74,8	90,0-110,0	135,0-165,0	198,0-242,0	288,0-352,0	414,0-504,0
Viscosity Index	ASTM D 2270	Min. 90	Min. 90	Min. 90	Min. 90	Min. 90	Min. 90
Pour Point ° C	ASTM D 97	Maks. -24	Maks. -21	Maks. -21	Maks. -21	Maks. -15	Maks. -12
Flash Point ° C	ASTM D 92	Min. 200	Min. 200	Min. 200	Min. 200	Min. 200	Min. 200



Syntech CS Serie

Industrial Enclosed Gear Lubricants

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Product Description: Syntech CS Serie are fully synthetic, closed system gear oils developed for industrial purposes that are polyalphaolefin based.

Features and Benefits: They are extra high-performance oils which offer several times more of a longer life than mineral-based gear oils. It has a high resistance to excess pressure (EP). Its synthetic basis (PAO-polyalphaolefin) offers excellent thermal resistance, in other words, it is resistant to oxidation. This series is resistant to wear and friction scratches on the gears and its micro pitting feature is excellent.

Applications : It is recommended to be used in the plastic industry (extruder gearboxes) where gear protection and extra-long life and high performance oils are required and in the elevator industry, gearboxes operating under heavy load and pressure and all enclosed plain or bearing gearboxes.

Meets Requirements:

DIN 51517 Part 3, AIST 224, AGMA 9005 – 02, SEB 181226, FLENDER AG, Metal surface abrasion test, method FVA 54/7. ISO 12925-1 Type CKD meets the requirements (150,220,320). ISO 12925-1 Type CKT meets the requirements (150,220).

Extra Usage: Flender SIEMENS AG, T7300, Tablo A-C, Flender kodu No.,HansenTransmissions, Lohmann & Stofferfoht

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types : 20 LT / 208 LT

CHEMICAL PROPERTIES	METOT/METHOD	150	220	320
AGMA No		4 EP	5 EP	6 EP
Density 15°C, gr/cm ³	ASTM D 4052	0.85	0.855	0.86
Viscosity 40 ° C , cSt	ASTM D 445	150	220	230
Viscosity Index	ASTM D 2270	Min. 150	Min. 150	Min. 150
Pour Point ° C	ASTM D 97	Maks. -48	Maks. -48	Maks. -45
Flash Point ° C	ASTM D 92	Min. 224	Min. 230	Min. 233
FZG Gear Scuffing Test A/8.3/90	ISO 14635-1	13	>13	>13
TOST /hr (Oxidation Test)	ASTM D 943	>10000	>10000	>10000
Foaming ml	ASTM D 892	1.0/0	1.0/0	1.0/0
		11.20/0	11.20/0	11.20/0



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Syntech Compressor Fluid Serie

Industrial Enclosed Gear Lubricants



Product Description: Syntech Compressor Fluid Serie are fully synthetic air compressor oils that are produced with polyalphaolefin (PAO) based base oils and specially selected ashless performance additives.

Features and Benefits: They are fully synthetic products; mineral base oils etc. are not included. Its synthetic nature and special performance additives, helps to provide extra performance during high temperatures and pressures and ensures the oil change period to be over 10000 hours. In other words, its oil maintenance periods are approximately 3-4 times longer than mineral-based compressor oils. Its synthetic nature helps to provide a resistance against deposit type contaminations caused by chemical and/or thermal oxidation and blackening. The outstanding anti-wear feature of the product helps to protect the parts in the systems and extends the life span of the equipment. It has excellent water, moisture, and air separation properties and also, protects equipment parts against corrosion and cavitation.

Applications : It has been developed to operate in single or two-stage screw, rotary vane air compressors where the temperature is 100 Celsius degrees or above and the pressure is above 20 bar. It is recommended for electric generators and turbocharges of marine diesel engines operating at low/medium speeds. It can also be used in oil circulation systems, hydraulic systems and non-EP industrial gear systems that are operating under heavy and difficult conditions where high performance is required.

Meets Requirements:

CM (MAG) P-47(68)/ P -50 (220) , SKC DEMULSIBILITY TEST

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD				
ISO Viscosity Classification	ISO 3448	32	46	68	100
Density 15°C, gr/cm ³	ASTM D 4052	0.84	0.84	0.84	0.85
Viscosity 40 ° C , cSt	ASTM D 445	28,8 - 35.6	40,4 - 50.6	61,2 - 74.8	90,0 - 110.0
Viscosity Index	ASTM D 2270	Min. 140	Min. 140	Min. 140	Min. 140
Pour Point ° C	ASTM D 97	Maks. -45	Maks. -45	Maks. -45	Maks. -45
Flash Point ° C	ASTM D 92	Min. 230	Min. 230	Min. 230	Min. 230



Slideway Oil Serie

Industrial Enclosed Gear Lubricants



Product Description: Slideway Oil Serie are high-performance, mineral-based oils used in the lubrication of horizontal and vertical slides of machine tools.

Features and Benefits: They have absorbing features for the vibrations in machine tools. It helps the sled to work smoothly. They do not form any material that would clog the filter. Their EP (excess-pressure) feature is outstanding.

Applications : They are used to lubricate the slides of machine tools; suitable for all kinds of slideway tool combinations.

CHEMICAL PROPERTIES	METHOD		
ISO Viscosity Classification	ISO 3448	68	220
Density 15°C, gr/cm ³	ASTM D 4052	0.89	0.9
Viscosity 40 ° C , cSt	ASTM D 445	61,2 - 74.8	198,0 - 242.0
Viscosity Index	ASTM D 2270	Min. 90	Min. 90
Pour Point ° C	ASTM D 97	Maks. -21	Maks. -21
Flash Point ° C	ASTM D 92	Min. 200	Min. 200

Meets Requirements:

CM (MAG) P-47(68)/ P -50 (220) , SKC DEMULSIBILITY TEST

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 208 LT



Compressor Oil Serie

Industrial Enclosed Gear Lubricants



Product Description: Compressor Oil Serie are fully synthetic, air compressor oils that are produced with polyalphaolefin (PAO) based base oils and specially selected ashless performance additives.

Features and Benefits: They are fully synthetic products; mineral base oils etc. are not included. Its synthetic nature and special performance additives, helps to provide extra performance during high temperatures and pressures and ensures the oil change period to be over 10000 hours. In other words, its oil maintenance periods are approximately 3-4 times longer than mineral-based compressor oils. Its synthetic nature helps to provide a resistance against deposit type contaminations caused by chemical and/or thermal oxidation and blackening. The outstanding anti-wear feature of the product helps to protect the parts in the systems and extends the life span of the equipment. It has excellent water, moisture, and air separation properties and also, protects equipment parts against corrosion and cavitation.

Applications : It has been developed to operate in single or two-stage screw, rotary vane air compressors where the temperature is 100 Celsius degrees or above and the pressure is above 20 bar. It is recommended for electric generators and turbocharges of marine diesel engines operating at low/medium speeds. It can also be used in oil circulation systems, hydraulic systems and non-EP industrial gear systems that are operating under heavy and difficult conditions where high performance is required.

Meets Requirements:

DIN 51506 VDL, ISO 6743-3A-DAJ/DAH/DAG

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 20 LT / 208 LT



CHEMICAL PROPERTIES	METHOD				
ISO Viscosity Classification	ISO 3448	32	46	68	100
Density 15°C, gr/cm ³	ASTM D 4052	0.84	0.84	0.84	0.85
Viscosity 40 ° C , cSt	ASTM D 445	28,8 - 35.6	40,4 - 50.6	61,2 - 74.8	90,0 - 110.0
Viscosity Index	ASTM D 2270	Min. 140	Min. 140	Min. 140	Min. 140
Pour Point ° C	ASTM D 97	Maks. -45	Maks. -45	Maks. -45	Maks. -45
Flash Point ° C	ASTM D 92	Min. 230	Min. 230	Min. 230	Min. 230



Turbine Oil Serie

Industrial Enclosed Gear Lubricants



Product Description: Turbine Oil Serie are mineral based, high performance turbine and circulation lubricants.

Features and Benefits: This series is resistant to oxidation, rust and corrosion. It is also resistant to deposit and soot formation. It prevents wear and cavitation.

Applications : It is recommended for use in gas, steam and hydraulic turbines, air compressors, vacuum pumps, lubrication of rolling and plain bearings.

CHEMICAL PROPERTIES	METHOD				
ISO Viscosity Classification	ISO 3448	32	46	68	100
Density 15°C, gr/cm ³	ASTM D 4052	0.88	0.88	0.89	0.89
Viscosity 40 ° C , cSt	ASTM D 445	28,8 - 35.6	40,4 - 50.6	61,2 - 74.8	90,0 - 110.0
Viscosity Index	ASTM D 2270	Min. 95	Min. 95	Min. 95	Min. 95
Pour Point ° C	ASTM D 97	Maks. -27	Maks. -27	Maks. -24	Maks. -24
Flash Point ° C	ASTM D 92	Min. 210	Min. 210	Min. 220	Min. 230

Meets Requirements:

DIN 51515 P.1(L-TD), DIN 51515-2(L-TG), BS 489

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 208 LT



Dewon[®] Mold Oil

Industrial Enclosed Gear Lubricants

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Product Description: Dewon Mold Oil is a mineral-based, emulsion-free concrete mold oil resistant to curing temperatures which is used in the construction industry to provide easy removal of steel and plastic molds etc. after concrete casting and to obtain smooth-surfaced, free of air bubble concrete.

Features and Benefits: It offers quick and easy separation by preventing the molds from sticking to the concrete. It extends the mold life by reducing the mold cleaning process. This product provides a smooth concrete surface without air bubbles and is resistant to curing temperatures.

Applications : It can be used in iron, steel, plywood or wooden formwork systems. The consumption differs depending on the type of mold and the roughness of the surface. With an average of 1 liter of DEWON mold oil, a surface of 25-40 m² can be lubricated.

CHEMICAL PROPERTIES	METHOD	
Density 15°C, gr/cm ³	ASTM D 4052	0,86 - 0,87
Viscosity 40 ° C , cSt	ASTM D 445	15,0 - 20.0
Viscosity Index	ASTM D 2270	Min. 95
Pour Point ° C	ASTM D 97	Maks. -6
Flash Point ° C	ASTM D 92	Min. 200

Meets Requirements:

DIN 51515 P.1(L-TD), DIN 51515-2(L-TG), BS 489

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 208 LT



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Heat Transfer Oil

Industrial Enclosed Gear Lubricants



Product Description: Heat Transfer Oil is a long-lasting oil formulated with quality base oil and performance additives obtained through modern refining processes.

Features and Benefits: It has excellent thermal stability and conductivity. It can be easily pumped and resistant to oxidation. This product offers a great protection against rust and corrosion in the systems.

Applications : It can be used safely between -7°C to 315°C in systems which are closed to atmospheric pressure; -7°C to 180°C in systems which are open to atmospheric pressure. (For closed (indirect) heating systems, there must be a suitable expansion tank which is open to atmospheric pressure.)

CHEMICAL PROPERTIES	METOT/METHOD	
Density 15°C, gr/cm ³	ASTM D 4052	0,88
Viscosity 40 ° C , cSt	ASTM D 445	28,8 - 35.2
Viscosity Index	ASTM D 2270	Min. 95
Pour Point ° C	ASTM D 97	Maks. -9
Flash Point ° C	ASTM D 92	Min. 210

Meets Requirements:

ISO 6743 -12 Q , DIN 51522

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

16 LT TIN / 208 LT



Neat Cutting Fluids B/BX – C/CX Series

Industrial Enclosed Gear Lubricants



Product Description: Neat Cutting Fluids B/BX-C/CX Series are mineral-based metalworking oils that are not mixed with water (without emulsion).

Features and Benefits: The EP/AW featured additives in this product helps to facilitate cutting and prevent tip welding. They do not contain chlorine. This series provide protection against rust and oxidation and the cutting characteristics and surface finishes are excellent.

Applications : Neat Cutting Oil B (ISO VG 32) and C (ISO VG 46) series have different viscosities and are recommended for cutting, broaching, and drilling of metal materials such as aluminium, brass, bronze, copper, magnesium, monel and mild steel. Neat Cutting Oil BX (ISO VG 32) and CX (ISO VG 46) are used in heavy and difficult processes of hard and alloyed steels, non-ferrous metal alloys, stainless steel, cast irons as different viscosities with their extra-strengthened EP/AW features. This series also offer excellent results in deep drilling operations.

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :
16 LT TIN / 208 LT



CHEMICAL PROPERTIES	METHOD	B / BX	C / CX
Viscosity Classification	ISO 3448	32	46
Density 15°C, gr/cm ³	ASTM D 4052	0.88	0.88
Viscosity 40 ° C , cSt	ASTM D 445	28,8 - 35.6	40,4 - 50.6
Viscosity Index	ASTM D 2270	Min. 90	Min. 90
Pour Point ° C	ASTM D 97	Maks. -6	Maks. -6
Flash Point ° C	ASTM D 92	Min. 200	Min. 200



Gold 55 Injector Cleaner

Car Care Products



This product is a fuel additive developed for use in fuels of both diesel and gasoline engines. It helps to save fuel and increases the engine performance. Cleans injector nozzles, strainers, fuel lines, and valves.

Indispensable for maintenance, repair, and service points

Reduces exhaust smoke. For efficient use, 0.5L of Gold 55 should be poured into the fuel tank prior to fuel purchase and thus, mixes homogenously with the fuel.

Specially blended to provide maximum performance

It increases the performance of your automobile. Cleans the injector, filters, fuel lines, and valves. It reduces exhaust smoke and minimizes fuel consumption. It protects the engine under the harshest conditions.

It eliminates the engine stress for injection diesel and gasoline engines. Protects the fuel system against corrosion. Prevents corrosion. Cleans spark plugs. Doesn't damage the catalytic. It is safe for Turbos.

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

24x0,5 LT

Injectors

before

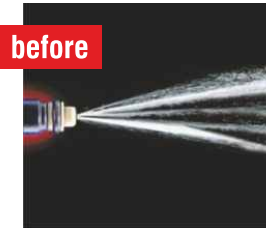


after



Injector Flow

before



after



Sparkign Plugs

before



after



Dot 3 / Dot 4 Brake Fluid **Hydraulic Brake Fluid**



DOT 3

Areas: Hydraulic brake systems of motor vehicles used a synthetic based, high-quality oil.

Benefits: High heat resistant. 205 °C (401 ° F). Ensures the safety of the brake.

Is compatible with the gasket. Prevents wear and corrosion.

Features: Boiling point too high, very low freezing point.

DOT 4

Areas: Hydraulic brake systems of motor vehicles used a synthetic based, high-quality oil.

Benefits: High heat resistant. 230 °C (446 ° F). Ensures the safety of the brake.

Is compatible with the gasket. Prevents wear and corrosion.

Features: Boiling point too high, very low freezing point.

Meets Requirements:

DOT 3: FMVSS No 116 DOT3, SAE J1703, ISO4925 Class 3.

DOT 4: FMVSS No 116 DOT4, SAE J1704 and ISO4925 Class 4,

Storage : Packages located in open areas should be protected from sunlight and rain.

Package Types :

20 x 0,5 LT



Container/trailer loading dimensions



16 LT - 18 LT
80 PCS TIN PACKING



16 x 1 LT
56 PCS CARD BOX



6 x 3 LT
48 PCS CARD BOX



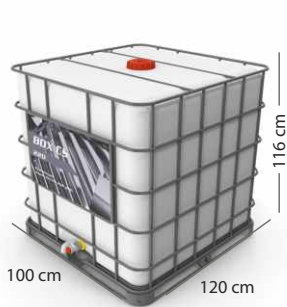
4 x 4 LT
60 PCS CARD BOX



4 x 5 LT
48 PCS CARD BOX



3 x 7 LT
40 PCS CARD BOX



1000 LT
1 PCS IBCPACKING



4 x 208 LT
4 PCS BARREL PACKING

