



HYDRAULIC OIL

HM 68

Product Description:

HYDRAULIC OIL HM 68 is an universal mineral high grade EP oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

HYDRAULIC OIL HM 68 is formulated with high quality refined mineral base stocks in combination with a special EP-additive technology to achieve the following performance:

- Excellent stability against oxidation.
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.

HYDRAULIC OIL HM 68 exceeds the following performance criteria.:

DIN 51524-2 HLP

AFNOR NF E 48-603 HM

Eaton Vickers M-2950-S / I-286

ISO 11158 HM

Cincinnati P-69

ASTM D6158 HM

Sauer Danfoss 520L0463



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	68
Density@15°C	kg/m ³	ASTM D4052	882
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	68.3
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	10.8
Viscosity Index		ASTM D2270	98
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D97	-21
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

Product Nr: 43560

Date Superseded: 21-06-2021

Date Issued: 31-10-2022

Revision nr: 03

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:33:25 EEST
Reason: MoldSign Signature
Location: Moldova





HYDRAULIC OIL

HM 46

Product Description:

HYDRAULIC OIL HM 46 is a universal mineral high grade EP oil for use in heavy duty hydraulic systems and light duty gearboxes, bearings and general lubrication. Not suitable for turbine application.

HYDRAULIC OIL HM 46 is formulated with high quality refined mineral base stocks in combination with a special EP-additive technology to achieve the following performance:

- Excellent stability against oxidation.
- Very good protection against wear.
- Good water demulsibility.
- Very good foaming properties.
- Very effective to rust and corrosion.

HYDRAULIC OIL HM 46 exceeds the following performance criteria.:

DIN 51524-2 HLP

AFNOR NF E 48-603 HM

Eaton Vickers M-2950-S / I-286

ISO 11158 HM

Cincinnati P-70

ASTM D6158 HM

Sauer Danfoss 520L0463



Property	Unit	Test Method	Typical Value
ISO Grade		ISO 3448	46
Density@15°C	kg/m ³	ASTM D4052	876
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.4
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	6.8
Viscosity Index		ASTM D2270	101
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D97	-24
Air Release Value @50°C	Minutes	ASTM D3427	Pass
Demulsibility @54°C	Minutes	ASTM D1401	Pass

Product Nr: 43540

Date Superseded: 10-03-2022

Date Issued: 31-10-2022

Revision nr: 06

Digitally signed by Șchendra Ion
Date: 2024.04.18 20:33:56 EEST
Reason: MoldSign Signature
Location: Moldova





ATF DX II

Product Description:

ATF DX II is a high quality universal fluid to be used in automatic transmission, torque convertors and power steering of passenger cars, light vans and commercial vehicles.

ATF DX II is formulated on high quality re-refined mineral and virgin synthetic base oil in combination with an unique additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Special friction modifiers.
- Very High Viscosity Index.
- Low pour point.
- Excellent shifting at very low and high temperatures.
- Excellent protection against corrosion, foam and wear.

ATF DX II meets the following performance criteria:

GM Dexron II-D **GM Type A** **MB 236.9** **Voith H55.6335.xx**
MAN 339 type Z1 **MAN 339 type V1** **ZF TE-ML 03D/04D/14A/17C**



Property	Unit	Test Method	Typical Value
Color		Visual	Red
Density @15°C	kg/m ³	ASTM D4052	847
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	35.5
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.3
Viscosity Index		ASTM D2270	175
Viscosity Brookfield @-40°	cP	ASTM D2983	18.000
Flash Point COC	°C	ASTM D92	172
Pour Point	°C	ASTM D7346	-48

Product Nr: 43200
Date Superseded: 26-01-2021

Date Issued: 10-03-2023
Revision nr: 06

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:33:14 EEST
Reason: MoldSign Signature
Location: Moldova





ATF DX III

Product Description:

ATF DX III is a high quality universal fluid to be used in automatic transmission, torque converters and power steering of passenger car, light vans and commercial vehicles.

ATF DX III is formulated on high refined solvent mineral and synthetic base stock in combination with an unique additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Special friction modifiers.
- Very high viscosity Index.
- Low pourpoint.
- Excellent shifting at very low and high temperatures.
- Excellent protection against the forming corrosion, foam and wear.

ATF DX III meets the following performance criteria:

DEXRON III H	Allison C4	MAN 339 V1/Z1	MB 236.9
Voith H55.6335.xx	ZF TE-ML 03D	ZF TE-ML 14A	VOLVO 97341
FORD M	GM D-IID	GM D-IIIG/H	VOLVO 97340



Property	Unit	Test Method	Typical Value
Color		Visual	Red
Density @15°C	kg/m ³	ASTM D4052	850
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	36.8
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.6
Viscosity Index		ASTM D2270	180
Viscosity Brookfield @-40°, max.	cP	ASTM D2983	< 20000
Flash Point COC	°C	ASTM D92	201

Product Nr: 43220

Date Superseded: 21-02-2018

Date Issued: 16-12-2019

Revision nr: 05

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:33:19 EEST
Reason: MoldSign Signature
Location: Moldova





MONO ENGINE OIL CF 30



Product Description:

MONO ENGINE OIL CF 30 is a heavy duty diesel engine oil developed to meet the requirements of a variety of diesel engines operating under severe conditions.

MONO ENGINE OIL CF 30 is suitable for use in a wide range of on- and off-highway applications where an API CF oil is recommended.

MONO ENGINE OIL CF 30 is based on high quality refined virgin base oil in combination with a special additive package to ensure the following properties:

- High thermal and oxidation stability.
- Effective in preventing from wear, corrosion and foam.
- High dispersancy and detergency properties.

MONO ENGINE OIL CF 30 meets the following performance criteria:

API SF/CF **MTU Type 2** **CCMC G2/D1** **MIL-L-46152**

Suitable for use: **API CH-4**

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	30
Density@15°C	kg/m ³	ASTM D4052	884
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	89
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	10.4
Viscosity Index		ASTM D2270	101
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-27
Total Base Number	mgKOH/g	ASTM D2896	12.5

Product Nr: 42660

Date Superseded: 23-04-2021

Date Issued: 30-06-2023

Revision nr: 07

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:29:25 EEST
Reason: MoldSign Signature
Location: Moldova





ENGINE OIL EHPD 10W-40

Product Description:

ENGINE OIL EHPD 10W-40 is a high performance fully synthetic engine oil to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger designed for use in Euro-II, Euro-III and EURO-IV emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. **ENGINE OIL EHPD 10W-40** is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF)

ENGINE OIL EHPD 10W-40 is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for Low emission engine equipped with EGR and SCR technology
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible.

ENGINE OIL EHPD 10W-40 meets the following performance criteria:

Approved **MAN M3277/M3377 Volvo VDS-3** **Mack EO-N**
Renault VI RLD-2 **MB 228.5**

Exceeds **API CI-4** **ACEA E7/E4** **MTU Type 3**
Deutz DQC IV-10 **Renault RXD**

Suitable for use: **Scania LDF-2**



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	10W-40
Density@15°C	kg/m ³	ASTM D4052	864
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	96.3
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	153
Viscosity CCS @-25°C, max	cP	ASTM D5293	6400
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-33
Total Base Number	mgKOH/g	ASTM D2896	12.3
Sulphated Ash	%Wt	ASTM D874	1.5

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:29:19 EEST
Reason: Mouldy Signature
Location: 77



Date Issued: 16-6-2021
Revision nr: 12

Date Superseded: 08-01-2021



ENGINE OIL HDX

15W-40

Product Description:

ENGINE OIL HDX 15W-40 is an extra high performance universal engine oil designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-3, Euro-4 and Euro-5 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with DPF filters.

ENGINE OIL HDX 15W-40 is formulated with high refined solvent mineral stock in combination with a special additive package to reach the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals.

ENGINE OIL HDX 15W-40 meets the following performance criteria:

Approved	MB Approval 228.3	Volvo VDS-3	Renault RLD-2	MACK EO-N
Meets	API CI-4/ SL Global DHD-1 CAT ECF-1a DDC 93K215	ACEA E7 JASO DH-1 CAT ECF-2	MAN M 3275 Deutz DQC-III Cummins CES 2077/20078	MB 228.1 MTU Type 2



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	15W-40
Density@15°C	kg/m ³	ASTM D4052	885
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	106
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	14.2
Viscosity Index		ASTM D2270	137
Viscosity CCS @-25°C, max	cP	ASTM D5293	6100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
Total Base Number	mgKOH/g	ASTM D2896	11.2
Sulphated Ash	%Wt	ASTM D874	0.98

Product Nr: 42560**Date Superseded:** 19-1-2022**Date Issued:** 08-08-2022**Revision nr:** 13

Digitally signed by Şchendra Ion
Date: 2024.04.18 20:34:02 EEST
Reason: MoldSign Signature
Location: Moldova





MOTOR OIL LE

5W-30

Product Description:

MOTOR OIL LE 5W-30 is a high performance fuel saving MID SAPS engine oil for use in the latest generation gasoline and diesel engines of passenger cars and light vans with or without turbocharger. **MOTOR OIL LE 5W-30** is developed for use in engines which are equipped with or without an exhaust gas after treatment system.

MOTOR OIL LE 5W-30 is based on high performance 100% synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- MID SAPS technology.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Equipped for diesel engines with an exhaust after treatment system.
- Fuel saving properties.

MOTOR OIL LE 5W-30 meets the following performance criteria:

Approved:	MB-Approval 229.51 BMW LL-04	MB-Approval 229.52
Meets:	API SN/CF Dexos 2	ACEA C2/C3 MB 229.31
		Renault RN0700/0710 MB 226.5



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m ³	ASTM D4052	851
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	64
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	11.7
Viscosity Index		ASTM D2270	181
Viscosity CCS @-30°C	cP	ASTM D5293	5800
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	7.9
Sulphated Ash	%Wt	ASTM D874	0.78

Product Nr: 42250
Date Superseded: 29-04-2022

Date Issued: 18-07-2022
Revision nr: 17

Digitally signed by Şchendra Ion
Date: 2024.04.18 20:34:15 EEST
Reason: MoldSign Signature
Location: Moldova



MOTOR OIL CLASSIC 10W-40



Product Description:

MOTOR OIL CLASSIC 10W-40 is a high quality multi-grade SAE 10W-40 oil for gasoline and diesel engines for use in classic and “young-timer” cars predating 1990. Formulated with supplementary ZDDP (Zinc dialkyldithiophosphate) additives to maximize wear protection of camshafts and cam followers. The composition of this product may affect the durability of certain modern type catalytic convertors.

MOTOR OIL CLASSIC 10W-40 is formulated with high quality refined mineral and synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level.
- High viscosity index.

MOTOR OIL CLASSIC 10W-40 exceeds the following performance criteria:

API: SG/CF

MB 227.1 / 227.5

Ford M2C101 A/B/C

CCMC G1/G2/G3/G4

VW 500.00 / 501.01 / 505.00

Ford M2C9001-AA

CCMC PD-1/PD-2

MIL-L-2104A/B



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	10W-40
Density@15°C	kg/m ³	ASTM D4052	868
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	89
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	13.6
Viscosity Index		ASTM D2270	155
Viscosity CCS @-25°C, max	cP	ASTM D2270	<7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-33
Total Base Number	mgKOH/g	ASTM D2896	8.4
Zinc content	ppm		1600
Phosphorus content	ppm		1450

Product Nr: 42420

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:29:03 EEST
Reason: MoldSign Signature
Location: Moldova



Date Issued: 10-12-2019

Revision nr: 02

77 B.V. | Van Ewijkskade 1C

1761 JA Anna Paulowna, The Netherlands | info@77lubricants.nl

www.77lubricants.com



COOLANT RTU 40

Product Description:

COOLANT RTU 40 is a silicate, amine-, nitrites- and phosphates free ready to use coolant (50% diluted) providing frost and corrosion protection. For the perfect operation of water-cooled internal combustion engines.

COOLANT RTU 40 is based mono ethylene glycol in combination with a powerful additive technology to obtain the following benefits:

- Corrosion protection, also for non-ferro metals.
- Frost protection.
- Boiling protection.
- Seal compatibility.

COOLANT RTU 40 meets the following performance criteria:

British Standard (BS) 6580
CUNA NC 956-16



Property	Unit	Test Method	Typical Value
Color			Blue
Density @15°C	kg/l	ASTM D5931	1.060
Equilibrium Boiling Point	°C	ASTM D1120	>125
Reserve Alkalinity (pH 5.5)		ASTM D1121	3.0
Refractive Index, 20°C		ASTM D1218	1.435
Freezing Protection	°C	ASTM D1177	-26

Product Nr: 43960
Date Superseded: 29-05-2018

Date Issued: 08-11-2011
Revision nr: 02

Digitally signed by Șchendra Ion
Date: 2024.04.18 20:33:37 EEST
Reason: MoldSign Signature
Location: Moldova





COOLANT

RTU G12 PLUS**Product Description:**

COOLANT RTU G 12 PLUS is a Ready-To-Use long life silicate-, amine-, nitrite-, borate- and phosphates free coolant to be used as a cooling and heat transferring fluid in combustion engines.

COOLANT RTU G 12 PLUS should be used undiluted, only then the coolant gives a protection to -40°C.

COOLANT RTU G 12 PLUS is based on ethylene glycol and in combination of a patent silicate free aliphatic additive technology to obtain the following properties:

- Extended life.
- Environmentally friendly.
- Reliability.
- Excellent corrosion protection for aluminium heat transfer surfaces.
- Excellent cavitation protection.
- Improved heat transfer.
- Improved hard water stability; absence of silicates and phosphates.
- Suitable for mixed fleets; 1 coolant for automotive and heavy duty applications.

COOLANT RTU G 12 PLUS offers strong protection: up to 650.000 km for buses and trucks, 250.000 km for passenger vehicles and up to 16.000 hours for steady-state engines. It is recommended to change the coolant every five years or at above mileages or operating times, whichever comes first. Perfectly mixable with other cooling fluids based on Ethylene Glycol.

COOLANT RTU G 12 PLUS exceeds the following performance criteria:

ASTM D3306
VW TL-774 F (G12+)
Cummins CES 14603
DDC DFS93K217
Foton Q-FPT 2313005-2013
JIS K2234
Komatsu 07.892 (2009)
Mack 014 GS 17009
Mazda MEZ MN 121D
MWM 0199-99-2091/12

ASTM D6210
BS 6580
Cummins CES 14439
Deutz DQC CB-14
STJLR 651.5003
Jenbacher TA 1000-0201
KSM 2142
MAN 324 Typ SNF
MB 326.3
Opel/GM GMW 3420

VW TL-774 D (G12)
MAT 3624
DAF 74002
Ford WSS-M97N44-D
Jaguar CMR 8229
JDM H5
Liebherr MD1-36-130
Renault Type D
MTU 5048
Volvo VCS



Property	Unit	Test Method	Typical Value
Color			Orange/red
Density @20°C	kg/m ³	ASTM D1298	1.068
Freezing Point	°C	ASTM D1177	-40
Oil % in water		ASTM D1287	8.6



Digitally signed by Scandrea Ion
 Date: 2020.07.20 20:33:44 EEST
 Reason: Mold Sign Signature
 Location: Moldova

Product Nr: 43970

Date Issued: 20-07-2020

Date Superseded: 14-05-2012

Revision nr: 03

Жидкость стеклоомывающая зимняя -20°C STOP GER

характеристики

- **Торговая марка:** Stop Ger
- **Поверхность:** Стекло
- **Применение:** для наружных работ, для внутренних работ
- **Основа материала:** на водной основе

СВОЙСТВА

- Благодаря особой формуле, специальным добавкам и уменьшенной концентрации обеспечивает более низкое количество паров спирта в салоне автомобиля, обладает наименее выраженным запахом по сравнению с другими жидкостями.
- Даже при низких температурах не замерзает полностью, а переходит в форму геля, благодаря чему исключается возможность повреждения контура стеклоомывающей системы, а также обеспечивается быстрое возвращение в жидкую форму после повышения температуры.
- Экономичная. Позволяет отказаться от использования более высококонцентрированных и дорогих стеклоомывающих жидкостей, концентрация которых является излишней большую часть зимнего периода в климатических условиях Республики Молдова

ОБЛАСТЬ ПРИМЕНЕНИЯ

Предназначена для использования в системе омывания стекол в зимнее время. Защищает стекло и его контур от замерзания. Способен обеспечить защиту при непродолжительном воздействии температур до -20°C. Уникальная химическая формула позволяет эффективно удалять грязь, соль и нефтяную пленку, не оставляя разводов. Жидкость безвредна для лакокрасочных покрытий и резинок стекол. Не оставляет биологических загрязнений, бликов, масляных пятен и разводов на стекле, повышая уровень безопасности управления автомобилем.

ПОДГОТОВКА ОСНОВАНИЯ

Поверхность перед нанесением должна быть сухой, очищена от пыли, грязи, жира, остатков краски и лака.

ВЫПОЛНЕНИЕ РАБОТ

Для чистки лобового стекла автомобиля заполнить бачок стеклоомывателя, для чистки боковых и задних стекол автомобиля вручную нанести омыватель на очищаемую поверхность и, не давая высохнуть, протереть до блеска. В зимнее время, при нахождении машины на открытой автостоянке, не рекомендуется разбавлять жидкость водой. В зависимости от температуры воздуха возможно разведение жидкости водой согласно установленным пропорциям. Цвет: голубой, зеленый. Аромат: зимняя свежесть, лайм.

ХРАНЕНИЕ

Хранить в течение 24 месяцев в закрытой упаковке, в недоступном для детей месте.

R-11 – легковоспламеняющийся. R39/23/24/25 – токсичен при вдыхании, при контакте с кожей и заглатывании. Опасность серьезных, необратимых последствий для здоровья. S/2 – хранить в недоступном для детей месте. S7 – хранить в закрытой упаковке. S36/37 – во время работы использовать защитные перчатки. S45 – В случае отравления срочно проконсультируйтесь у врача, показывая упаковку или этикетку.

УПАКОВКА

5,0 л

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

СОСТАВ: Изопропиловый спирт / гидроокись метила, очищенная вода, поверхностно-активные вещества, функциональные добавки, ароматизаторы, красители

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:33:49 EEST
Reason: MoldSign Signature
Location: Moldova





COMPRESSOR OIL

VDL 46

Product Description:

COMPRESSOR VDL 46 is a high performance ash less air compressor oil specially designed to meet the stringent requirements of major compressor manufacturers.

COMPRESSOR OIL VDL 46 is suited for reciprocating air-, rotary screw and vane compressors. Also used in circulating oil systems, plain and rolling element bearings, lightly loaded Gear sets, etc.

COMPRESSOR OIL VDL 46 is based on high quality mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Improved equipment reliability, availability and efficiency.
- Low ash and carbon forming tendency ensures improved valve performance.
- Reduced potential for fires and explosions in the discharge systems.
- Exceptional wear and rust.
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency.
- Reduces sludge formation and improves life of coalesces.

COMPRESSOR OIL VDL 46 meets the following performance criteria:

DIN 51506 VBL/VCL/VDL ISO 6743 DAA/DAB/DAG/DAH DIN 51503-1 KAA/KE

Property	Unit	Test Method	Typical Value
ISO VG Class			46
Density @15°C	kg/m ³	ASTM D4052	859
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	7.2
Viscosity Index		ASTM D2270	116
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-33
FZG A/8, 3/90°C		DIN 51354-2	12
Demulsibility @54°C, max	min	DIN 51999	30



Product Nr: 43810
Date Superseded: 18-6-2021

Date Issued: 30-9-2021
Revision nr: 04

Digitally signed by Șchendra Ion
Date: 2024.04.18 20:33:31 EEST
Reason: MoldSign Signature
Location: Moldova





SUPER TRACTOR OIL

10W-30

Product Description:

SUPER TRACTOR OIL 10W-30 is a high quality universal mineral based so called “Super Tractor Oil Universal” (STOU) developed for use in tractors, combines, harvesters and off the road equipment with or without turbocharger diesel engines. Super Tractor Oil Universal is also designed to lubricate the transmission, power take-off, final drive, hydraulic system and oil immersed “wet brakes”. This product cannot be used in diesel engines equipped with a Diesel Particulate Filter (DPF).

SUPER TRACTOR OIL 10W-30 is formulated on high refined solvent mineral base stock in combination with an unique additive package to reach the following properties;

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- Excellent cold start properties.
- High anti-foam, anti-wear and anti-corrosion properties.
- Suitable for Wet Brakes.

SUPER TRACTOR OIL 10W-30 meets the following performance criteria:

Engine Spec:	API CG-4/CF-4/CE/SF	MB 227.1	ACEA E3
STOU/UTTO Spec:	JD J27, J20C/D	Ford M2C86B/C	Ford M2C134D
	Ford M2C159B/C	MF M1135/1139	MF M1143/1144/1145
	Caterpillar TO-2	API GL-4	Allison C-4
	ZF TE-ML 06B,C,R,07B	NH 82009201	CNH MAT 3525,3526
	NH 024C/ 030C	CASE MS 1204/6/7/9	NH 410B NH 420A
Hydr Spec:	Eaton M-2950S	Eaton 1-280-S	Danfoss



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	10W-30
Density@15°C	kg/m ³	ASTM D4052	874
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	67.1
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	10.5
Viscosity Index		ASTM D2270	144
Viscosity CCS @-25°C	cP	ASTM D5293	5900
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	10.9

Product Nr: 43270
Date Superseded: 26-07-2018

Date Issued: 16-12-2019
Revision nr: 02

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:34:08 EEST
Reason: MoldSign Signature
Location: Moldova





MOTOR CYCLE OIL 2T

Product Description:

MOTOR CYCLE OIL 2T is a high quality mineral lubricant specially developed for 2-stroke air cooled gasoline engines fitted with oil-injection or premix systems.

MOTOR CYCLE OIL 2T is based on a high quality virgin mineral base oils in combination with a special selected additive package to obtain the following properties:

- Outstanding protection against piston scuffing and premature wear of engine components.
- Excellent control against engine deposits, exhaust system blocking.
- Extended engine life without power loss.
- Low ash additive technology prevents pre-ignition and spark plug fouling.
- Easy miscibility with gasoline ensures stable homogeneous mixture even at low ambient temperatures.

MOTOR CYCLE OIL 2T meets the following performance criteria:

API TC

JASO FB

ISO-L-EGC



Property	Unit	Test Method	Typical Value
Density@15°C	kg/m ³	ASTM D4052	878
Color	Visual		amber
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	69.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	9.3
Viscosity Index		ASTM D2270	111
Flash Point COC	°C	ASTM D92	85
Pour Point	°C	ASTM D7346	-30
Total Base Number	mg KOH/g	ASTM D2896	1.2
Sulphated Ash	%Wt	ASTM D78	0.25

Product Nr: 42920

Date Superseded: 08-08-2011

Date Issued: 18-12-2019

Revision nr: 02

Digitally signed by Schendrea Ion
Date: 2024.04.18 20:33:08 EEST
Reason: MoldSign Signature
Location: Moldova

