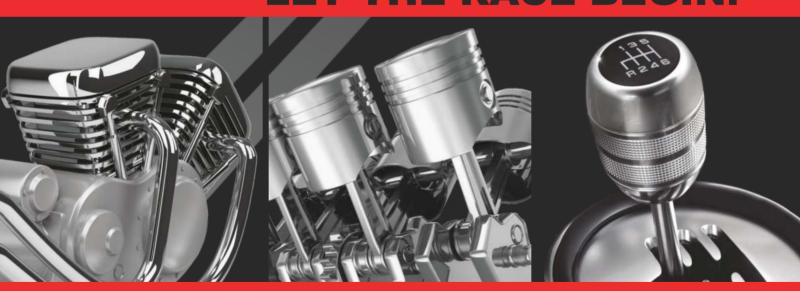
CHEMPIOIL

LET THE RACE BEGIN!



Automotive OILS & FLUIDS

CHEMPIOIL



The company CHAMPION CHEMICALS LTD unites years of sales experience and modern production technologies of engine and transmission oils by offering lubricants under the brand CHEMPIOIL.

Our products distinguish themselves by high quality and distinctive features, both of which have been confirmed by laboratory tests as well as by practical operation in different type of engines and transmissions.

Our reasonable approach towards the market allows us to reduce the costs on the way to our consumers to a minimum.

High accuracy "LIKE A SWISS WATCH" and quality control during production are our company's main principles.

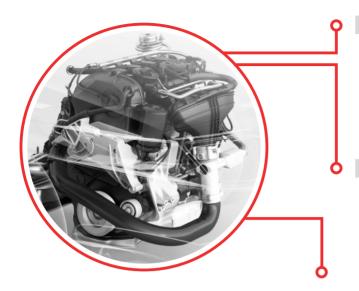
Our team has been working hard meeting all the newest requirements and specifications. And now we are proud to present you our new technology - SCT ESTER.

Ester-based oils are widely used in aero and space industry as they are highly resistant to extreme temperatures.

Such lubricants have got reverse polarity to metal, thus the ester molecules are attracted to the engine parts on atomic level and constantly stick over the entire surface. That means the oil film is way much thicker and solid and insures reliable protection of all the engine parts and high antiwear properties even at extreme temperatures and pressure, and thus prolongs its life.

This formula also guaranties good pumpability, oxidation resistance at high temperatures, minimal foaming and evaporation.

03



ENGINE OILS FOR CARS AND TRANSPORTERS

9725 Ultra SN Plus 9703 Ultra XDI 9726 Ultra XJP 9505 Optima SN 9702 Ultra LRX 9401 Multi HQ 9501 Optima GT 9506 Multi SN 9701 Ultra XTT 9705 Ultra RS+ESTER 9720 Ultra JP 9404 SAE 40 9722 Ultra SL 9403 SAE 50 9719 Ultra PD 7408 SAE 60

OILS FOR MOTORBIKES

09

9201 Moto 2T 9305 Moto 4T Plus 9307 Moto 4T Ultra 9310 Moto 4T

ENGINE OILS FOR TRUCKS AND BUSES

9101 Truck CH-1 SHPD 9102 Truck CH-2 SHPD 9103 Truck CH-3 SHPD Super 9104 Truck CH-4 SHPD Super 9105 Truck CH-5 UHPD Ultra 9106 Truck CH-6 UHPD Ultra Eco 9121 Truck CH-21 SHPD 9107 Truck CH-7 UHPD Blue 9108 Truck CH-8 UHPD Extra

9114 Truck CH-14 UHPD 9115 Truck CH-15 SHPD 9117 Truck CH-17 UHPD Blue 9118 Truck CH-18 SHPD 9120 Truck CH-20 SHPD

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TRANSMISSION FLUIDS AND GEAR OILS

8901 ATF D-II 8902 ATF D-III 8904 Multi ATF 8913 ATF CVT 8806 Syncro GLX 8805 Basic GLC

8801 Syncro GLV 8802 Hypoid GLS 8804 MTF-4 8803 Hypoid LSD 8810 SAE 90 8811 SAE 140



OPERATING AND SERVICE FLUIDS

8991 Plus LHM 3001 AdBlue®

4311 Truck AFG 11 4312 Truck AFG 12+ 4313 Truck AFG 13

AGRICULTURAL AND

23

21

CONSTRUCTION MACHINERY OILS

2501 Multifarm STOU 10W-30 2502 Multifarm STOU 10W-40 2701 Multi UTTO WB 101 1101 Kettenoel

INDUSTRIAL OILS AND FLUIDS

3101-3105 M.O. SAE Series 2801 Gear Oil ISO 220 2601-2603 TO-4 Powertrain Oil Series 2101-2105 Hydro ISO Series 2201-2204 Hydro HV Series 2901-2904 Compressor Oil Series 2301-2303 Turbine Series 1103 Emulsion

MARINE OILS

2401-2403 Marine 09 Series 2404-2405 Marine 12 Series 2406 Marine 3040 2407 Marine X70



ENGINE OILS FOR CARS AND TRANSPORTERS





ULTRA SN Plus

Fully synthetic ESTER motor oil

Description:

Innovative energy-saving premium bi-synthetic engine oil (PAO + esters) for modern petrol engines. Designed to meet the requirements of American, Japanese and Korean automakers. Exceptional fuel economy due to reduced high-temperature viscosity HTHS and optimal anti-friction properties. Highly effective additive package and low-viscosity bi-synthetic base provide reliable cold start in the most severe conditions, thereby significantly reducing engine starting wear.

Meets: SAE 0W-20 GM dexos1 Gen2 API SP (RC) ILSAC GF-6A GM 6094M CHRYSLER MS-6395 HONDA HTO-06 CHRYSLER MS-13340

JAGUAR STJLR.51.5122 LAND ROVER STJLR.51.5122 FORD WSS-M2C947-A FORD WSS-M2C947-B1

INFINITI LEXUS MAZDA SUZUKI

Volume:/Art.-Nr.:

1L	CH9725-1	20L	CH9725-20	208L	CH9725-DR
4L	CH9725-4	60L	CH9725-60		
5L	CH9725-5				



ULTRA XJP

Fully synthetic ESTER motor oil

Description:

Innovative energy-saving premium bi-synthetic engine oil (PAO + esters) for modern petrol engines. Designed to meet the requirements of American, Japanese and Korean automakers. Exceptional fuel economy due to reduced high-temperature viscosity HTHS and optimal anti-friction properties. Highly effective additive package and low-viscosity synthetic base provide confident cold start in the most severe conditions, thereby significantly reducing engine starting wear.

Meets:

SAE 5W-20 API SP (RC) ILSAC GF-6A HONDA HTO-06 FIAT 9.55535-CR1

GM dexos1 Gen2 GM 6094M CHRYSLER MS-6395 CHRYSLER MS-13340 JAGUAR STJLR.51.5122 LAND ROVER STJLR.51.5122 FORD WSS-M2C930-A/-B FORD WSS-M2C925-A/-B FORD WSS-M2C945-B1 FORD WSS-M2C948-B

MAZDA SUZUKI

1L	CH9726-1	20L	CH9726-20	208L	CH9726-DR
4L	CH9726-4	60L	CH9726-60		
5L	CH9726-5				



ULTRA LRX

Fully synthetic ESTER motor oil

Description:

Innovative universal multigrade bi-synthetic (PAO + esters) premium motor oil for modern petrol and diesel engines (including those with direct injection) with and without turbocharging, including those equipped with pump nozzles (Pumpe-Duse). Designed based on VW and DAIMLER requirements.

Meets: SAE 5W-30 MB 229.51 VW TL 52 195 BMW LL-04 ACEA C3

VW 504 00 Approval VW 507 00 Approval PORSCHE C30

Volume:/Art.-Nr.:

1L	CH9702-1	1L ME CH9702-1ME	20L	CH9702-20
4L	CH9702-4	4L ME CH9702-4ME	60L	CH9702-60
5L	CH9702-5		208L	CH9702-DR



ULTRA XTT

Fully synthetic ESTER motor oil

Description:

Innovative universal ester-containing premium motor oil for modern petrol and diesel engines with and without turbocharging, including "old" brands and high mileage. Designed based on the requirements of European producers.

Meets: SAE 5W-40 ACEA A3/B4 API SN/CH-4 JASO MA2

VW 502 00/505 00 PORSCHE A40 RENAULT RN0710 **RENAULT RN0700**

MB 229 5/229 3/226 5 BMW LL-01/-98 PSA B71 2296 FIAT 9.55535-H2/-Z2

CHRYSLER MS-10850 CHRYSLER MS-10896 CHRYSLER MS-12991 GM LL-A-025/-B-025

Volume:/Art.-Nr.:

1L CH9701-1 208L CH9701-DR 201 CH9701-20 1L ME CH9701-1ME 60L CH9701-60 41 CH9701-4



ULTRA RS+ESTER

Fully synthetic ESTER motor oil

Description:

Universal bi-synthetic (PAO + esters) premium motor oil designed for new generations of all types of engines operating in harsh and extreme operating conditions. Designed to meet the requirements of manufacturers of sports and racing cars.

Meets: SAE 10W-60 API SN/CF ACEA A3/B3/B4

Volume:/Art.-Nr.:

1L ME CH9705-1ME 4L ME CH9705-4ME





ULTRA JP

Synthetic ESTER motor oil

> Description:

Innovative, energy-saving ester-containing fully synthetic premium engine oil for modern petrol engines. Designed in accordance with the requirements of American, Japanese and Korean automakers specifically for engines with direct injection systems (GDI, D4, NEO-DI, CGI DISI, I-CDTI), turbocharged.

Meets: SAE 5W-30 API SN Plus ILSAC GF-5 GM dexos1 Gen2 GM 6094M

CHRYSLER MS-6395 CHRYSLER MS-0395 CHRYSLER MS-13340 FIAT 9.55535-CR1 FORD WSS-M2C929-A FORD WSS-M2C946-A/-B1

HONDA HTO-06 LEXUS MAZDA SSANGYONG SUZUKI

Volume:/Art.-Nr.:

1L	CH9720-1	20L	CH9720-20	208L	CH9720-DR
4L	CH9720-4	60L	CH9720-60	1000L	CH9720-IBC



ULTRA SL

Synthetic ESTER motor oil

Description:

Innovative universal premium ester-containing engine oil for modern petrol and diesel engines with and without turbocharging. Designed based on the requirements of European car manufacturers. Ester technology and a synthetic base with an optimal range of viscous-temperature properties ensures efficient operation of the engine in all operating modes (during cold start, in urban mode, in track mode) and in conditions of frequent temperature change patterns.

SAE 5W-30 API SN/CH-4 VW 502 00/505 00 VW 503 01/501 01 ACEA A3/B4 MB 229.3/229.5

BMW LL-98 RENAULT RN0710/RN0700 FORD WSS-M2C913-B

Volume:/Art.-Nr.:

1L	CH9722-1	20L	CH9722-20	208L	CH9722-DR	
4L	CH9722-4	60L	CH9722-60	1000L	CH9722-IBC	



ULTRA PD

Synthetic ESTER motor oil

Description:

Innovative universal energy-saving ester-containing fully synthetic premium motor oil for modern diesel engines (including those with direct injection) and petrol engines with and without turbocharging, including those equipped with pump nozzles (Pumpe-Duse). Designed based on VW and DAIMLER requirements.

Meets:

SAE 5W-40 API SN ACEA C2, C3 GM dexos2 BMW LL-04

PORSCHE A40 RENAULT RN0700/RN0710 RENAULT RN17 FORD WSS-M2C917-A MB 229.51/229.31/226.5

VW 505 01 VW 505 00 CHRYSLER MS-11106 FIAT 9.55535-S2 FIAT 9.55535-GH2

1L	CH9719-1	20L	CH9719-20	208L	CH9719-DR	
4L	CH9719-4	60L	CH9719-60			
51	CH0710-5					





ULTRA XDI

Synthetic diesel motor oil

Description:

Innovative ester-containing fully synthetic premium engine oil for modern high-performance turbo diesel engines. Developed in accordance with the requirements of the VW group.

Meets: SAE 5W-40 API SN/CJ-4 ACEA A3/B4 MB 229.5/229.3

VW 502 00/505 00 BMW LL-01/-98 PORSCHE A40 PSA B71 2296

RENAULT RN17 RENAULT RN0710 RENAULT RN0700 FIAT 9.55535-H2/-Z2 CHRYSLER MS-10850 CHRYSLER MS-10896 CHRYSLER MS-12991 GM LL-A-025/LL-B-025

Volume:/Art.-Nr.:

1L	CH9703-1
5L	CH9703-5

4L ME CH9703-4ME 20L 5L ME CH9703-5ME

60L CH9703-60

CH9703-20 208L CH9703-DR

OPTIMA SN

HC synthese motor oil

Description:

Hydro-synthetic universal motor oil for all types of petrol engines. Designed to meet VW and DAIMLER requirements. The hydrosynthetic base ensures efficient operation of the engine in all operating modes: during cold start, in urban mode and in highway mode.

SAE 10W-30 API SN V/W 501 01 VW 505 00 ACEA A3/B4 MB 229.1

Volume:/Art.-Nr.:

1L	CH9505-1	20L	CH9505-20	208L	CH9505-DR
4L	CH9505-4	60L	CH9505-60	1000L	CH9505-IBC
5L	CH9505-5				

MULTI HQ



Description:

Universal economy-class engine oil, which is a mixture of synthetic components and a highly refined mineral base, for modern highly accelerated petrol and diesel engines with and without a turbocharger used in difficult operating conditions and engines with a very high mileage used in various operating conditions.

Meets: SAE 20W-50 API SN/CH-4

1L	CH9401-1	20L	CH9401-20	208L	CH9401-DR
4L	CH9401-4	60L	CH9401-60		
51	CH9401-5				









OPTIMA GT

Semi-synthetic ESTER motor oil

Description:

Innovative universal ester-containing motor oil on a hydrosynthetic basis for diesel engines, both new and "old" brands and with high mileage. Specially designed for turbocharged engines.

Meets: SAE 10W-40 API SN/CH-4 ACEA A3/B4 JASO MA2 VW 501 01/502 00 VW 500 00/505 00

MB 229.3/229.1 PSA B71 2296 RENAULT RN0700/RN0710

Volume:/Art.-Nr.:

1L	CH9501-1	20L	CH9501-20	208L	CH9501-DR
4L	CH9501-4	60L	CH9501-60		
51	CH9501-5				

MULTI SN

9506

Universal motor oil

Description:

All-season universal economy-class engine oil on a highly refined mineral basis for turbocharged and nonturbocharged petrol and diesel engines, including those with very high mileage, operating under various operating conditions.

Meets: SAE 15W-40 API SN/CH-4 VW 505 00/502 00 VW 501 01/500 00 PSA B71 2294 RENAULT RN0700 RENAULT RN0710 ACEA A3/B4 MB 229.3/229.1

Volume:/Art.-Nr.:

1L	CH9506-1	20L	CH9506-20	208L	CH9506-DR
5L	CH9506-5	60L	CH9506-60		





Description:

A high-efficiency monograde mineral engine oil for heavy-load diesel-powered engines with and without a turbocharger operating under harsh conditions at ambient temperatures more than -20 °C.

Meets: SAE 40 API CH-4/SJ

Volume:/Art.-Nr.:

1L	CH9404-1	10L	CH9404-10	208L	CH9404-DR	
4L	CH9404-4	20L	CH9404-20	1000L	CH9404-IBC	
51	CH9404-5	601	CH9404-60			



07



SAE 50

9403



Mineral motor oil

Description:

A high-efficiency monograde mineral engine oil for heavy-load diesel-powered engines with and without a turbocharger operating under very harsh conditions at ambient temperatures more than -15 °C. Due to the absence of viscosifiers, it is less susceptible to destruction and ageing than analogues all-season oils, it has an extended expected life which, when combined with a low evaporation ability that reduces oil consumption through burning, allows using it in engines with an extended oil replacement age.

Meets: SAE 50 API CH-4

Volume:/Art.-Nr.:

5L CH9403-5 20L CH9403-20 208L CH9403-DR 60L CH9403-60



7408



Description:

A high-efficiency monograde mineral engine oil for heavy-load diesel-powered engines with and without a turbocharger operating under extra-harsh conditions at ambient temperatures more than -15 °C. Due to the absence of viscosifiers, it is less susceptible to destruction and ageing than analogues all-season oils, it has an extended expected life which, when combined with a low evaporation ability that reduces oil consumption through burning, allows using it in engines with an extended oil replacement age.

> Meets: SAE 60 API CH-4



20L CH7408-20 208L CH7408-DR



OILS FOR MOTORBIKES





MOTO 2T

Universal 2-stroke motor oil

Description:

A universal high-quality mineral-based engine oil for modern high-load and high-speed 2-stroke engines with air cooling. It is suitable for the lubrication by a pre-mixed blend and an automatic mixing in an engine intake.

Meets: APITC JASO FB ISO L-EGB

Volume:/Art.-Nr.:

1L CH9201-1 20L CH9201-20 208L CH201-DR



MOTO 4T Plus

9305

Fully synthetic ESTER motor oil

Description:

High-quality engine oil on a synthetic basis containing esters for modern 4-stroke motorbike engines with integrated and non-integrated gearboxes and oil bath clutches, air and liquid cooled. It may be used in engines with a dry type clutch. It was designed for a guaranteed protection of the engine and the durability of the gearbox.

Meets: SAE 10W-40 API SN JASO MA/MA2

Volume:/Art.-Nr.:

1L CH9305-1



MOTO 4T Ultra

9307



> Description:

A high-quality synthetic-based engine oil for modern 4-stroke engines of two-wheeled vehicles with and without an integrated gearbox and with an oil bath clutch, with air and liquid cooling. It may be used in engines with a dry type clutch. It was designed for a guaranteed protection of the engine and the durability of the gearbox.

> Meets: SAE 20W-40 API SM JASO MA2

Volume:/Art.-Nr.:

1L CH9307-1



MOTO 4T

9310

Semi-synthetic ESTER motor oil

> Description:

An innovative semi-synthetic ester-containing engine oil for four-stroke high-load engines of motorcycles, pit bikes, motards, etc. for off-road (enduro, motocross, trials, etc.) and highway (stuntriding, supermoto, etc.) driving under extreme loads. It was designed to protect the engine and the durability of the gearbox.

Meets: SAE 15W-50 API SN JASO MA/MA2

Volume:/Art.-Nr.:

1L CH9310-1



ENGINE OILS FOR TRUCKS, BUSES AND MIXED VEHICLE FLEET



TRUCK CH-1 SHPD



Universal truck motor oil

> Description:

Multigrade mineral engine oil with the addition of hydrosynthetic components for modern heavy-duty and high-speed turbocharged and non-turbocharged diesel engines operating under severe conditions. Especially designed to protect your equipment and get the most out of it, regardless of its operating conditions

Meets: SAE 15W-40 API CH-4/SL ACEA A3/B4 MAN M 3275-1 MB 229.1 MTU Type 2 VOLVO VDS-2 ACEA E7 MB 228.3

Volume:/Art.-Nr.:

5L	CH9101-5	10L	CH9101-10	208L	CH9101-DR
7L	CH9101-7	20L	CH9101-20	1000L	CH9101-IBC
		601	CH0101.60		

TRUCK CH-2 SHPD



Description:

Description:

Special multi-season, highly alloyed mineral engine oil with the addition of hydrosynthetics for modern, heavy duty and high-speed diesel engines with and without turbocharging, operating in extremely difficult conditions (including, at high ambient temperatures) and for engines with high mileage. Designed specifically to protect equipment and benefit most out of it under extreme loads.

Meets:

SAE 20W-50 API CH-4/SL ACEA A3/B4 MAN M 3275-1 MB 228.3 MB 229.1 MTU Type 2 VOLVO VDS-2 ACEA E7

10L	CH9102-10	208L	CH9102-DR
20L	CH9102-20	1000L	CH9102-IBC
60L	CH9102-60		

TRUCK CH-3 SHPD Super 9103

Universal truck motor oil

Description:

All-year-round mineral engine oil for modern heavy-duty and high-speed diesel engines with and without turbocharging operated in difficult conditions. Designed specifically to protect machinery and benefit most out of it regardless of operating conditions.

Meets:

SAE 10W-40 MAN M 3275-1 MB 228.3/229.1 MTU Type 2 VOLVO VDS-2 API CH-4/SL ACEA E7 ACEA A3/B4

Volume:/Art.-Nr.:

20L CH9103-20 2081 CH9103-DR 1000L CH9103-IBC



TRUCK CH-4 SHPD Super 9104

Universal ESTER truck motor oil

Description:

Innovative all-weather mineral + esters motor oil for modern heavy duty and high-speed diesel engines with and without turbocharging, operated in difficult conditions. The oil complies with the Global Specification GLOBAL-DHD-1, which takes into account all the requirements of European, American and Japanese manufacturers for heavy diesel engines manufactured since 1998, operating in the most difficult conditions with increased mileage between oil changes that comply with current standards for the content of toxic substances in exhaust gases and installed on heavy vehicles (more than 3.9 tons).

SAE 15W-40 ACEA A3/B4 JASO DH-1 GLOBAL DHD-1 API CI-4 Plus API CI-4/CH-4/SL ACEA E7 CATERPILLAR ECF-2/-1-a

CUMMINS CES 20076/-77/-78 DETROIT DIESEL 93K215 MACK EO-N/-M Plus VOLVO VDS-3

MAN M 3275-1 MB 228.3/228.1 MTU Type 2 RENAULT RLD-2

Volume:/Art.-Nr.:

1L	CH9104-1	10L	CH9104-10	208L	CH9104-DR	
5L	CH9104-5	20L	CH9104-20	1000L	CH9104-IBC	
		601	CH0104 60			



TRUCK CH-5 UHPD Ultra

Semi-synthetic ESTER truck motor oil

Description:

Innovative all-weather semi-synthetic (esters + HC-synthes) motor oil for modern heavy duty and high-speed diesel engines with and without turbocharging, operated in difficult conditions. The oil complies with the Global Specification GLOBAL-DHD-1, which takes into account all the requirements of European, American and Japanese manufacturers for heavy diesel engines manufactured since 1998, operating in the most difficult conditions with increased mileage between oil changes that comply with current standards for the content of toxic substances in exhaust gases and installed on heavy vehicles (more than 3.9 tons).

Meets:

SAE 10W-40 API CI-4 Plus API CI-4/CH-4/SL JASO DH-1 GLOBAL DHD-1 MAN M 3275-1 MB 228.1/228.3 ACEA E7, A3/B4

CATERPILLAR ECF-2/-1-a CUMMINS CES 20076/-77/-78 DETROIT DIESEL 93K215 MTU Type 2

MACK EO-N MACK EO-M Plus RENAULT RLD-2 VOLVO VDS-3

1	0L	CH9105-10	208L	CH9105-DR
2	0L	CH9105-20	1000L	CH9105-IBC
6	0L	CH9105-60		





CHEMPIOIL

TRUCK CH-6 UHPD Ultra Eco

Synthetic truck motor oil

> Description:

Description:

All-weather modern synthetic motor oil for heavy-duty and high-speed diesel engines with and without turbocharger, operating in difficult conditions. Synthetic base of the highest quality, featuring ideal viscosity in a wide temperature range, provides unsurpassed anti-friction, anti-wear and anti-scuffing properties, which significantly extend the life of equipment in all, even the most extreme, operating modes in a wide range of ambient temperatures and provide significant fuel savings.

Meets: SAE 10W-40 API CI-4 ACFA F4

CUMMINS CES 20077 CUMMINS CES 20078 MB 228 5 MB 235.28

MACK FO-N MAN M 3277 MTU Type 3 RENAULT RLD-2 SCANIA LDF-3 VOLVO VDS-3 VOITH Class B

Volume:/Art.-Nr.:

10L	CH9106-10	208L	CH9106-DR
20L	CH9106-20	1000L	CH9106-IBC
60L	CH9106-60		

TRUCK CH-7 UHPD Blue

Synthetic truck motor oil

Description:

All-weather synthetic motor oil for heavy-duty and high-speed diesel engines of the latest generation with and without turbocharger, operating in severe conditions on low sulphur fuel. The oil has successfully passed road and laboratory tests at VOLVO, MERCEDES-BENZ, MAN, MACK and RENAULT centres and has their written approvals.

Meets:

SAE 10W-40 API CK-4/CJ-4 ACEA E8, E11 DAF (ACEA E6) IVECO (ACEA E6) CATERPILLAR ECF-3 CUMMINS CES 20086 DETROIT DIESEL DDC 93K222 MB 228 31 MB228.51 MAN M 3477 MAN M 3775

MACK EOS-4.5 Approval RENAULT VI RLD-3 Approval VOLVO VDS-4.5 Approval

Volume:/Art.-Nr.:

10L	CH9107-10	208L	CH9107-DR
20L	CH9107-20	1000L	CH9107-IBC
60L	CH9107-60		

TRUCK CH-8 UHPD Extra

Fully synthetic truck motor oil

Description:

Bescription:
Energy-saving synthetic (PAO-based) motor oil for heavy duty and high-speed diesel engines of the latest generation with and without turbocharging, operating in difficult conditions. The unique low-viscosity synthetic PAO-containing base of the highest quality, with ideal viscosity in the required temperature range, combined with an innovative additive package, provides unrivaled anti-friction, anti-wear and anti-scuffing properties, which significantly extends the life of the equipment in all, even the most complicated, modes works in a fairly wide range of ambient temperatures and offers significant fuel savings.

Meets:

SAE 5W-30 ACEA E4 ACEA E7 MB 228.5

VOLVO VDS-3 MAN M 3277/3377 MACK EO-N MTU Type 3

RENAULT RLD-2 API CI-4 DETROIT DIESEL DDC 93K215 CUMMINS CES 20076/-77/-78

Volume:/Art.-Nr.:

20L	CH9108-20	2
601	CH9108-60	

208L CH9108-DR



TRUCK CH-14 UHPD

9114



Synthetic truck motor oil

Description:

All-weather synthetic motor oil for heavy-duty and high-speed diesel engines with and without turbocharger, operating in difficult conditions. The oil has successfully passed road and laboratory tests at VOLVO, MACK and RENAULT centres and has their written approvals. An innovative additive package in combination with the highest quality synthetic base, featuring optimal viscosity in a wide temperature range, provides excellent anti-friction, anti-wear and anti-scuffing properties.

> Meets:

SAE 15W-40 API CK-4 ACEA E6, E7, E9 JASO DH-2 MB 228.31 CATERPILLAR ECF-3 CUMMINS CES 20086 MAN M 3775 DETROIT DIESEL DDC 93K222 MACK EOS-4.5 Approval RENAULT RLD-3 Approval VOLVO VDS-4.5 Approval

Volume:/Art.-Nr.:

20L CH9114-20 208L CH9114-DR 60L CH9114-60 1000L CH9114-IBC

TRUCK CH-15 SHPD

9115



Description:

Special multi-season, highly alloyed mineral engine oil with the addition of hydrosynthetics for modern, heavy duty and high-speed diesel engines with and without turbocharging, operating in extremely difficult conditions (including, at high ambient temperatures) and for engines with high mileage. The oil complies with the Global Specification GLOBAL-DHD-1, which takes into account all the requirements of European, American and Japanese manufacturers for heavy diesel engines manufactured since 1998, operating in the most difficult conditions with increased mileage between oil changes that comply with current standards for the content of toxic substances in exhaust gases and installed on heavy vehicles (more than 3.9 tons).

> Meets:

SAE 20W-50 API CI-4 Plus API CI-4/CH-4/SL ACEA A3/B4 JASO DH-1 CATERPILLAR ECF-2/ECF-1-a CUMMINS CES 20076/-77/-78 MB 228.1/228.3 DETROIT DIESEL 93K215 MACK EO-N/-M Plus GLOBAL DHD-1 MTU Type 2 RENAULT RLD-2 VOLVO VDS-3 MAN M 3275-1

Volume:/Art.-Nr.:

20L CH9115-20 208L CH9115-DR

TRUCK CH-17 UHPD Blue 9117

Fully synthetic truck motor oil

Description:

Energy-saving synthetic (PAO-based) motor oil for heavy duty and high-speed diesel engines of the latest generation with and without turbocharging, operating in severe conditions on low sulphur fuel. Designed specifically to protect machinery and benefit most out of it regardless of operating conditions.



> Meets:

SAE 5W-30 MB 228.51 API CK-4 VOLVO VDS 4.5 ACEA E8 ACEA E11 MAN M 3677 SCANIA LDF-4 IVECO (ACEA E6-2016) DAF (ACEA E6-2016) DETROIT DIESEL DDC93K222 RENAULT RLD-3 MACK EOS-4.5 CATERPILLAR ECF-3

Volume:/Art.-Nr.:

20L CH9117-20 208L CH9117-DR 60L CH9117-60 1000L CH9117-IBC



TRUCK CH-18 SHPD

Synthetic truck motor oil

> Description:

All-weather synthetic motor oil for heavy-duty and high-speed diesel engines of the latest generation with and without turbocharger, operating in severe conditions on low sulphur fuel. Designed specifically to protect machinery and benefit most out of it regardless of operating conditions.

Meets: SAE 15W-40

API CK-4 ACFA F8 ACEA E11 MB 228.31 MB 228.51 VOLVO VDS-4.5 CUMMINS CES 20086 MAN M 3775 IVECO (ACEA E6-2016) DAF (ACEA E6-2016) CATERPILLAR ECF-3 DETROIT DIESEL DDC93K222 RENAULT RLD-3 MACK FOS-4 5

Volume:/Art.-Nr.:

20L CH9118-20

2081 CH9118-DR 1000L CH9118-IBC

TRUCK CH-20 SHPD

Synthetic truck motor oil

Description:

All-weather synthetic motor oil for heavy-duty and high-speed diesel engines with and without turbocharger, operating in difficult conditions. The oil has successfully passed road and laboratory tests at VOLVO, MACK and RENAULT centres and has their written approvals.

SAE 10W-30 API CJ-4/CK-4 ACEA E8 ACEA E11 JASO DH-2

MR 228 31 MB 228.51 MB 235.28 SCANIA Low Ash MAN M 3677/M 3477 MTU Type 3.1 DETROIT DIESEL DDC 93K218 RENAULT Truck RLD-3 MACK EO-O Premium Plus MACK EO-O Premium Plus -07

CATERPILLAR ECE-2 CATERPILLAR ECF-3 **CUMMINS CES 20081** VOLVO VDS-4

Volume:/Art.-Nr.:

20L CH9120-20 208L CH9120-DR

TRUCK CH-21 SHPD



Description:

All-weather synthetic motor oil for heavy-duty and high-speed diesel engines of the latest generation with and without turbocharger, operating in severe conditions on low sulphur fuel. The oil has successfully passed road and laboratory tests at VOLVO, MACK and RENAULT centres and has their written approvals.



SAE 10W-30 API CK-4/SN API CJ-4/CI-4 Plus ACEA E8, E11 JASO DH-2

MB 228.31 MTU Type 2.1 ALLISM 7775 MAN M 3775 MAN M 3575

CATERPILLAR ECF-3 CUMMINS CES 20086 CUMMINS CES 20087 RENAULT Truck RLD-4 FORD WSS-M2C171-F1

DETROIT DIESEL DDC 93K222 DETROIT DIESEL DDC 93K223 VOLVO VDS-4.5 Approval RENAULT VI RLD-3 Approval MACK EOS-4.5 Approval

Volume:/Art.-Nr.:

Art.-Nr.:

CH9121-10

208L

CH9121-10

1000L

CH9121-IBC 10L 20L



CHEMPIOIL

TRANSMISSION FLUIDS AND GEAR OILS





8901

Automatic transmission Fluid



A universal all-season mineral-based transmission fluid (ATF) for automatic gearboxes, hydraulic power steering systems, cab tilt mechanisms, car hydraulic clutches and other hydraulic devices, including the ones operating under heavy-duty conditions in trucks and off-road vehicles. It ensures a flawless operation of an automatic gearbox, guarantees minimal wear, a lasting service life of transmissions and fuel economy. It was developed on the basis of the requirements set by the GM group.

> Meets:

ALLISON C4 CATERPILLAR TO-2 GM Dexron II D MAN 339 V1 MAN 339 Z1 MB 236.5/236.7 RENK VOITH H 55.6335.xx (G607) ZF TE-ML 03D/04D/11A/14A/17C

Volume:/Art.-Nr.:

1L CH8901-1 20L CH8901-10 208L CH8901-DR 4L CH8901-4 60L CH8901-20 1000L CH8901-IBC



8902

Automatic transmission fluid

Description:

A universal all-season synthetic-based transmission fluid (ATF) for automatic gearboxes, hydraulic converters, hydraulic power steering systems, car hydraulic clutches and other hydraulic devices, including the ones operating under heavy-duty conditions in trucks and off-road vehicles. It ensures a flawless operation of an automatic gearbox, guarantees minimal wear, a lasting service life of transmissions and fuel economy. It was developed on the basis of the requirements set by GM and Ford groups.

Meets:

ALLISON C4 ALLISON TES 389 CATERPILLAR TO-2 FORD Mercon V FORD ESP-M2C138-CJ FORD ESP-M2C166-H GM Dexron III H/G/F MB 236.1

VOITH H 55.6335.xx (G607) ZF TE-ML 09/11/14

1L	CH8902-1	20L	CH8902-20	208L	CH8902-DR
4L	CH8902-4	60L	CH8902-60		





MULTI ATF



> Description:

A universal all-season high-viscosity synthetic transmission fluid (ATF) for automatic gearboxes. It was specially developed for all modern automatic gearboxes (manual or sequential modes, electronic control, etc.) equipped with and without a hydraulic converter lock-up. It is also compatible with old-generation automatic gearboxes, hydraulic power steering systems, ship reversing gears, hydrostatic transmissions, hydraulic/mechanical systems in which the use of fluids that correspond to Dexron (except Dexron VI) or Moreon standards is prescribed. Mercon standards is prescribed

Meets:
JASO M315 Type 1A
AISIN WARNER JWS 3309
ALLISON C3/C4 VW G 052 162-A1 VW G 055 025-A2 VW G 052 102-A1 VW G 052 990-A1 VW G 052 990-A2 BMW 7045E (3 Series)
BMW ETL-8072B (5 Series)
BMW LA2634 and many others VW G 052 025-A2 VW G 055 025-A1

Volume:/Art.-Nr.:

1L CH8904-1 CH8904-20 CH8904-DR 20L 208L CH8904-60 CH8904-4 60L 41 1000L CH8904-IBC

ATF CVT

Automatic transmission fluid

Description:

A special synthetic gear oil for CVT (Continuously Variable Transmission) – variable-speed gears. It was specially developed for use in continuously variable transmissions with a rigid articulated chain or a steel pull chain. It ensures a flawless operation of an automatic gearbox, guarantees minimal wear, a lasting service life of a transmission and fuel economy.

Meets: VW G 052 180 BMW 83 22 0 429 154 BMW CVT EZL 799A CHRYSLER CVT FLUID NS-2 DAIHATSU AMIX CVT FLUID DC

FORD WSS-M2C928-A FORD WSS-M2C933-A FORD CVT FLUID 23 FORD CVT FLUID 30 FORD Mercon C

GM DEX-CVT GM SATURN DEX-CVT HONDA HMMF (08260-99904) HONDA HCF-2 and many others

Volume:/Art.-Nr.:

1L CH8913-1

SYNCRO GLX

Fully synthetic gear oil

Description:

All-season last-generation gear oil (contains PAO) specially designed for the lubrication of all types of differentials, including excessive friction differentials where the oil "Limited Slip Oil API GL-5" is required. It was developed for hypoid, bevel and spiral gears.

Meets:

SAE 75W-140 API GL-5 LS (Limited Slip) MIL L 2105 D MAN 342 SCANIA STO 1:0

Volume:/Art.-Nr.:

CH8806-1 60L CH8806-60 1000L CH8806-IBC 20L CH8806-20 208L CH8806-DR





BASIC GLC



> Description:

An all-season universal last-generation energy-conserving gear oil (containing PAO) designed specially for the lubrication of manual transmissions with an incorporated differential of front drive vehicles. It is suitable for all types of synchronized and non-synchronized manual transmissions (including heavy-loaded). It was developed on the basis of the requirements set by the VW Group.

Meets: SAE 75W-90 API GL-4+ MIL L 2105 VW 501 50

Volume:/Art.-Nr.:

4L ME CH8805-4ME CH8805-10 101

SYNCRO GLV

Synthetic gear oil

Description:

A universal last-generation energy-conserving all-season synthetic gear oil for all types of manual transmissions. It is recommended for use in all types of synchronized manual transmissions (including heavy-duty), in differentials (including LS with excessive friction), steering equipment and other transmission parts where an excessive pressure and impact load is encountered and in which the use of standards GL-4 and/or GL-5 is prescribed

SAF 75W-90 API GL-4/GL-5 LS (Limited Slip) MACK GO-J/-J Plus

SCANIA STO 1:0 MAN 342 M1/M2/M3



1L	CH8801-1	20L	CH8801-20	208L	CH8801-DR
4L	CH8801-4	60L	CH8801-60	1000L	CH8801-IBC
4L ME	CH8801-4ME				

HYPOID GLS

8802

Universal gear oil

Description:

Universal all-season mineral-based gear oil. It was developed for hypoid gears withstanding extreme loads; in heavy-duty bevel, cylindrical and worm pairs. It is recommended for use in differentials (including excessive friction – LS). It may be used for all types of manual transmissions, including the ones withstanding extremely heavy loads and high temperatures and in other transmission parts where extreme pressure and impact loads are encountered.

Meets:

MIL L 2105 D MACK GO-J SAE 80W-90 API GL-4/GL-5 LS (Limited Slip) MAN 342

Volume:/Art.-Nr.:

-							
	1L	CH8802-1	20L	CH8802-20	208L	CH8802-DR	
	4L	CH8802-4	60L	CH8802-60			
	71	CH8802-7					



BASIC





MTF-4

Synthetic gear oil

Description:

Description:
A latest-generation energy-conserving synthetic gear oil for manual transmissions. It is recommended for use in all types of 5- and 6-speed synchronized manual transmissions, including transmissions with an incorporated differential of front wheel drive vehicles, transfer cases and main gears, in which the application of the standard GL-4 is prescribed. It was developed on the basis of the requirements set by the BMW group.

Meets: SAE 75W-80 API GL-4 VW G 009 317 VW G 052 171/178/512 VW G 052 532/527/726/798

VW G 055 726 W G 055 726 BMW MTF LT-1/ LT-2 BMW MTF LT-3/LT-4 FORD WSS-M2C200-D2 PSA B71 2330

MB 235.10 MITSUBISHI MZ312644 3005401 NISSAN 999MP-MTF20P KE91699932R PEUGEOT 9730A2/9730A8 TOYOTA JWS 227

Volume:/Art.-Nr.:

1L CH8804-1 208L CH8804-DR 201 CH8804-20 60L CH8804-60 4L CH8804-4 1000L CH8804-IBC

HYPOID LSD

Truck gear oil

Description:

A universal all-season high-viscosity mineral-based gear oil for manual transmissions. It was developed for a safe and reliable operation of self-locking differentials (differentials with excessive friction/limited slip – LS), main gears with hypoid pinions and other manual transmission parts with bevel, worm and cylindrical pairs withstanding extreme (including impact) loads and high operating temperatures.

Meets: SAE 85W-140 API GL-5 LS (Limited Slip) MIL L 2105 D

Volume:/Art.-Nr.:

CH8803-20 208L CH8803-DR 20L 60L CH8803-60





Description:

A mineral simple-composition gear oil for mild operating conditions (low loads and sliding velocities). It may be recommended for the lubrication of accessory equipment to be installed in special vehicles (reducers in autocranes, mechanisms of garbage trucks, side lifting components, etc.) when operating at temperatures no lower than - 18 °C.

Meets: SAE 90 API GL-1

Volume:/Art.-Nr.:

CH8810-4 20L CH8810-10 208L CH8810-DR





SAE 140

8811





Description:

A mineral simple-composition gear oil for mild operating conditions (low loads and sliding velocities). It may be recommended for the lubrication of accessory equipment to be installed in special vehicles (reducers in autocranes, mechanisms on garbage trucks, side lifting components, etc.) when operating at temperatures no lower than 0 °C.

> Meets: SAE 140 API GL-1



4L CH8811-4 20L CH8811-20 208L CH8811-DR



OPERATING AND SERVICE FLUIDS



PLUS LHM



Hydraulic fluid

> Description:

Special synthetic low-viscosity green fluid for centralized (combined) brake and hydraulic systems, power steering systems, hydropneumatic suspension systems and brakes in CITROËN, PEUGEOT, MERCEDES-BENZ and VOLKSWAGEN vehicles.

Meets: DIN 51524-3 ISO 7308 FIAT 9.55597 IVECO 18-1823

NEW HOLLAND NH-610A PSA B71 2710 SDFG OF1611S

Volume:/Art.-Nr.:

1L CH8991-1 1L ME CH8991-1ME

ADBLUE®

3001



Description:

AdBlue® is a high-purity 32,5 % w/w urea solution which is used as an additional working fluid in diesel cars and trucks equipped with SCR technology (Selective Catalytic Reduction). The composition of AdBlue® is specified in DIN 70070. The use of such systems optimises engine performance, reduces the emission of harmful particles in exhaust gases and complies with the environmental standards Euro 4, Euro 5 and Euro 6.

Meets: DIN 70070 ISO 22241-1/-2/-3

Volume:/Art.-Nr.:

10L 20L AD3001-20

AD3001-10 1000L AD3001-IBC



TRUCK AFG 11

4311



Description:

Concentrated antifreeze based on mineral inhibitors – IAT (Inorganic Acid Technology). Antifreeze intended for a year-round use in any modern cooling system for which the use of ethylene-glycol-based antifreeze is recommended.

Meets: SAE J1034 ASTM USA D3306/D4340/D4985 NATO S-759 VW TL 774 C

Volume:/Art.-Nr.:

20L CH4311-20 208L CH4311-DR



4312

Coolant fluid

Description:

A carboxylated (organic – OAT Organic Acid Technology) concentrated antifreeze intended for a year-round use in any modern cooling system for which the use of ethylene-glycol-based antifreeze is recommended. It ensures a reliable protection of any cooling system.

Meets:
SAE J1034
AFNOR FRANCE NF R15-601
AS AUSTRALIA AS 2108
ASTM USA D3306/D4340/D4985
BSI GB BS 6580:2010

CUNA ITALY NC 956-16 FVV GERMANY Heft R443 JIS JAPAN K 2234 NATO S-759 UNE SPAIN 26361-88 VW TL 774 D/F CHRYSLER MS-9176 CUMMINS 85T8-2/85T8-4 FORD WSS-M97B44-D GM 6277 M and many others

Volume:/Art.-Nr.:

20L CH4312-20 60L CH4312-60

208L CH4312-DR



TRUCK AFG 13

4313

Coolant fluid

Description:

A hybrid (HOAT – Hybrid Organic Acid Technology) high-technology concentrated antifreeze with excellent operating characteristics intended for a year-round use in any modern cooling system for which the use of mono-ethylene-glycol-based antifreeze is recommended.

It ensures a reliable protection of any cooling system.

> Meets:

SAE J1034 NATO S-759 BMW DAF FORD ESE-M978B4H-A FORD AF Plus GM 1825 M/1899 M GM SATURN

JAGUAR JOHN DEERE MAN 324 Typ NF MB 325.0 RENAULT Type D ROVER SAAB

Volume:/Art.-Nr.:

20L CH4313-20 208L CH4313-DR







AGRICULTURAL AND CONSTRUCTION MACHINERY OILS





MULTIFARM STOU 10W-30

Agricultural machinery oil

Description:

A genuinely universal engine-transmission all-season semi-synthetic (HC-synthese) engine oil for modern diesel-powered engines of agricultural equipment with and without a turbocharger operating under harsh conditions as well as for manual transmissions, "wet" - type brake systems and even hydraulic systems of tractors.

Meets:

SAE 10W-30 API CG-4/CF-4/CF/CE/CD/SF API GL-4 ACEA E3 DIN 51524-3 HVLP

ALLISON C4 FORD ESN-M2C134-D FORD ESN-M2C86-B FORD ESN-M2C86-C FORD WSS-M2C159-B

FORD WSS-M2C159-C FORD NEW HOLLAND 82009201 FORD NEW HOLLAND 82009202 FORD NEW HOLLAND 82009203 JOHN DEERE J27 and many others

Volume·/Δrt -Nr ·

20L CH2501-20 208L CH2501-DR 1000L CH2501-IBC



MULTIFARM STOU 10W-40

Agricultural machinery oil

Description:

A truly universal all-weather semi-synthetic motor-transmission (HC-synthese) engine oil for modern diesel engines of agricultural machinery with and without turbocharger operating in difficult conditions, as well as for mechanical transmissions, wet-type braking systems and even tractor hydraulic systems.

Meets:

SAE 10W-40 API CG-4/CF-4/CF/CE/CD/SF API GL-4 ACEA E3 DIN 51524-3 HVLP ALLISON C4

MB 227.1/228.1 JOHN DEERE J27/J20C/J20D CATERPILLAR TO-2 FORD ESN-M2C134-D FORD ESN-M2C86-B/-C FORD WSS-M2C159-B/-C

FORD NEW HOLLAND 82009201 FORD NEW HOLLAND 82009202 FORD NEW HOLLAND 82009203 CASE I H MS 1204/1206/1207/1209 CASE NEW HOLLAND MAT 3525/3526 and many others

Volume:/Art.-Nr.:

20L CH2502-20 208L CH2502-DR



MULTI UTTO WB 101



CHEMPIOIL

Agricultural machinery oil

Description:

Universal and multi-functional mineral all-season tractor oil for farm holdings and tractors, agricultural vehicles with very high operating characteristics. Its main purpose: an oil for on-board gearboxes with a standard replacement interval. It complies with VOLVO 97303 requirements. It is also suitable for mechanical gearboxes with and without synchronizers, transmissions, back axles, hydraulic systems (including the ones integrated with a mechanical gearbox) and other equipment that requires Universal Tractor Transmission Oil grade oil. It is particularly suitable for the reduction of vibration in "wet" brake systems and power-take off.

Meets:

API GL-4 ALLISON C4 DIN 51524-2 VOLVO WB 101, 97303 CATERPILLAR TO-2 CASE I H MS 1204/1206 CASE I H MS 1207/1209 JOHN DEERE J20C/-D FORD NEW HOLLAND ESN-M2C41-B FORD NEW HOLLAND ESN-M2C86-A/-B FORD NEW HOLLAND ESN-M2C134-A/-C/-D

Volume:/Art.-Nr.:

20L CH2701-20 208L CH2701-DR 1000L CH2701-IBC

KETTENOEL

Chainsaw chain oil

Description:

Description:

A highly-purified mineral-based oil for the lubrication of cutting edges of petrol and electric saws with a manual and automatic oil supply. It has an optimal viscosity for effective lubrication, it does not splash during operation. It has high adhesive properties that ensure a good oil adhesion to the chain during operation. Great lubricating and antiwear properties extend the service life of the chain. It ensures reduced oil consumption and heating of the parts. It has excellent antioxidizing and anticorrosion properties. It can be used throughout the year. It ensures a reliable lubrication at up to -15 °C.

ISO Viscosity Grade 100

Volume:/Art.-Nr.:

20L CH1101-20 208L CH1101-DR







INDUSTRIAL OILS AND FLUIDS





M.O. SAE SERIES

Industrial motor oil

Description:

A special highest-quality monograde mineral engine oil for heavy-load diesel-powered engines with and without a turbocharger operating under various conditions at ambient temperatures. It was designed especially for VOLVO and CATERPILLAR equipment that requires the presence of corresponding specifications.

Meets: SAE 10W/20W/30/40/50 API CH-4 MIL L 2104 C CATERPILLAR Series 3

DAVID BROWN DB OM 616 MACK EO-J VOLVO B20

Range: CH3101 M.O. SAE 10W CH3102 M.O. SAE 20W

CH3103 M.O. SAE 30 **CH3104** M.O. SAE 40

CH3105 M.O. SAE 50

CH3104-DR

Volume:/Art.-Nr.:

208L CH3101-DR

CH3103-10 10L CH3103-20 201

CH3104-10 CH3102* 20L CH3104-20

CH3105*

*Contact our sales department for quantity and volume details.

GEAR OIL ISO 220

Industrial gear oil

Description:

An industrial mineral reduction gear oil for use in gear transmissions of modern imported and domestic equipment requiring the use of high-quality oils with enhanced antiwear and anti-scuffing EP (Extreme Pressure) properties.

Meets:

ISO Viscosity Grade 220 DIN 51517-3 ISO 6743-6 (CKC)

ISO 12925-1 Type CKC/CKD ANSI AGMA 252.04 US STEEL 224

Volume:/Art.-Nr.:

10L CH2801-10 208L CH2801-DR 1000L CH2801-IBC





TO-4 POWERTRAIN OIL SERIES



Industrial machinery oil

Description:

A special all-season transmission-hydraulic mineral oil designed for use in hydraulic systems, transmissions and gearboxes (including power ones), on-board gearboxes of other devices of off-road equipment with and without low-load brakes (clutches). It complies with strict Cat TO-4, requirements imposed for TDTO (Transmission/Drive Train Oil) lubricants by the Caterpillar company. The specification TO-4 is the industry standard. The specification determines operating requirements imposed on hydraulic fluids for their use in CAT and analogous equipment.

Meets: SAE 10W/30/50 ALLISON C4 (off-road) CATERPILLAR TO-4 KOMATSU KES 07.868.1

CH2601 TO-4 Powertrain oil SAE 10W CH2602 TO-4 Powertrain oil SAE 30 CH2603 TO-4 Powertrain oil SAE 50

Volume:/Art.-Nr.:

20L	CH2601-20	20L	CH2602-20	CH2603*
2081	CH2601-DR	208L	CH2602-DR	

^{*}Contact our sales department for quantity and volume details.



HYDRO ISO SERIES

Industrial hydraulic oil

Description:

All-season mineral hydraulic oil created for hydraulic devices of stationary and mobile equipment operating in standard and high operating temperatures. It was developed taking into account the requirements for industrial hydraulic systems operating in the conditions of high loads, pressures, temperatures and/or

Meets:

ISO Viscosity Grade 32/46/68/100/150 DIN 51524-2 (HLP) ISO 11158 (HM) AFNOR FRANCE NF E 48-603

CONESTOGA ISO 20763 EATON I-286-S US STEEL 126/127 SPERRY VICKERS I-286-S PARKER DENISON HF-0/-1/-2 PARKER DENISON Filterability TP 02100 SPERRY VICKERS I-286-S MAG CINCINNATI P-68/P-69/P-70

CH2104* CH2105*

Volume:/Art.-Nr.:

10L	CH2101-10	10L	CH2102-10	10L	CH2103-10
20L	CH2101-20	20L	CH2102-20	20L	CH2103-20
60L	CH2101-60	60L	CH2102-60	60L	CH2103-60
208L	CH2101-DR	208L	CH2102-DR	208L	CH2103-DR
1000L	CH2101-IBC	1000L	CH2102-IBC	1000L	CH2103-IBC

HYDRO HV SERIES



Industrial hydraulic oil

Description:

All-season mineral paraffin hydraulic oils with a high-viscosity index created for the hydraulic equipment of a mobile or stationary equipment operating at high and extra-high operating temperatures. It was developed taking into account the requirements for industrial hydraulic systems operating in the conditions of extrá-high loads, pressures, temperatures and/or velocities and especially in the conditions of strongly varying temperatures

Meets

Meets: SAE MS 1004 ISO Viscosity Grade 22/32/46/68 DIN 51524-2 (HM)/-3 (HVLP) ISO 11158 (HM, HV, HVLP)

MAG CINCINNATI P-68/-69/-70 PARKER DENISON HF-0/-1/-2 SPERRY VICKERS M-2950-S SPERRY VICKERS I-286-S3

ASTM USA D6158 ANSI AGMA 9005-E02-RO AIST 126/127 and many others

	20L	CH2201-20	10L	CH2202-10	20L	CH2203-20	CH2204*
	208L	CH2201-DR	20L	CH2202-20	208L	CH2203-DR	
			60L	CH2202-60	1000L	CH2203-IBC	
			208L	CH2202-DR			
			1000L	CH2202-IBC			

^{*}Contact our sales department for quantity and volume details.

^{*}Contact our sales department for quantity and volume details.





COMPRESSOR OIL SERIES

Compressor oil

Description:

Specials highly-purified paraffin ashless mineral compressor oil with an extended replacement age. It ensures a stable and continuous operation of the equipment throughout the entire operation period.

Meets:

ISO Viscosity Grade 46/100/150/220 BROWN BOVERI HTGD 90117 BROWN BOVERI HTGD 90117 ISO DP 6521 (L-DAA), 6521 (L-DAB), 6521 (L-DAG), 6521 (L-DAH) MAG CINCINNATI P-38, P-55, P-54, P-57, P-62 DIN 51506 (VBL), 51506 (VCL), 51506 (VDL), 51515-1 (L-TD), 51515-2 (L-TG), 51517-2 (CL), 51524-1, 51524-2 SIEMENS TLV 9013 VDMA 24568 BSI GB BS 489 CEGB 207001 GE GEK 32568 A, GEK 32568 C AFNOR FRANCE NF E 48-603 and many others

208L CH2904-DR

Range: CH2901 Compressor oil ISO 46 CH2902 Compressor oil ISO 100

CH2903 Compressor oil ISO 150 CH2904 Compressor oil ISO 220

Volume:/Art.-Nr.:

20L CH2901-20 201 CH2902-20 CH2903* 208L CH2901-DR CH2902-DR 2081

*Contact our sales department for quantity and volume details.

TURBINE SERIES

Turbine oil

Description:

High-quality turbine (circulating) oil with an increased replacement age designed for the lubrication and cooling of bearings in stationary steam and water turbines at normal and elevated temperatures and manufactured on a highly-purified base.

Meets: ISO Viscosity Grade 32/46/68 DIN 51524-1/-2/-3 DIN 51517-2 DIN 51516 (VBL, VCL, VDL) DIN 51506 (VBL, VCL, VDL) DIN 51515-1 (L-TD)/DIN 51515-2 (TG) ISO DP 6521 (DAA, DAB, DAH, DAG)

VDMA 24568 VDMA 24300 BROWN BOVERI HTGD 90117 GE GEK 32568 A/GEK 32568 C MAG CINCINNATI P-38/P-55/P-54/P-57/P-62 MITSUBISHI E00-87182 and many others

Range: CH2301 Turbine ISO 32 CH2302 Turbine ISO 46 CH2303 Turbine ISO 68

Volume:/Art.-Nr.:

CH2301* CH2302* CH2303*

*Contact our sales department for quantity and volume details.

EMULSION

Mineral oil

Description:

Water-miscible greasing and cooling fluid (GCF) with a high content of mineral oil and a highly effective additive package, providing multi functionality and stability of the emulsion for machining ferrous and non-



TYPE Water-miscible Emulsion ISO 32

Volume:/Art.-Nr.:

20L CH1103-20







MARINE 09 SERIES



Marine oil

> Description:

High performance diesel engine oils developed for use on low sulphur distillate fuels in marine and industrial applications. They are formulated to have excellent resistance to exidation and viscosity increase over a long period of service. They have superior water separating properties and provide excellent corrosion protection. Formulated with base oils having proven successful performance in diesel engines. The additive system is balanced to provide excellent resistance to thermal degradation under moderately severe operating conditions. They also provide good engine cleanliness and superior wear protection.

Meets: SAE 30/40/50 API CF-4 TBN 9

Range: CH2401 Marine SAE 30 CH2402 Marine SAE 40 CH2403 Marine SAE 50

Volume:/Art.-Nr.:

CH2401* CH2402* CH2403*

*Contact our sales department for quantity and volume details.

MARINE 12 SERIES



Marine oil

Description:

Highly effective mid-alkaline mineral motor oil for marine throttle and crosshead, main and auxiliary diesel engines operating on distillate fuel with a sulfur content of less than 1.5 %

Meets: SAE 30/40 API CF TBN 12

Range: CH2404 Marine SAE 30 CH2405 Marine SAE 40

Volume:/Art.-Nr.:

CH2404* CH2405*

*Contact our sales department for quantity and volume details.



MARINE 3040

2406

Marine oil

Description:

Description:
High-alkaline mineral motor oil for medium-speed heavy marine diesel engines operating on fuel oil with a sulfur content of up to 4.0 %. It has excellent anti-friction, anti-wear and extreme pressure properties, which significantly extends the life of the equipment in all, even the most extreme, operating modes and provides significant fuel economy. Excellent protection against wear on the camshaft and bearings. A special additive package in combination with natural antioxidants gives increased thermal oxidative stability, which, combined with excellent detergent-dispersant properties (TBN>30), effectively reduces carbon and varnish formation, prevents the formation of deposits of all kinds and keeps engine parts extremely clean throughout interval between replacements. It retains its antioxidant properties for a long period of time.

Meets: SAE 40 API CF-4 TBN 30

Volume:/Art.-Nr.:

CH2406*

*Contact our sales department for quantity and volume details.

MARINE X70



Description:

Description:Superior quality, extra high performance, marine diesel engine cylinder oil. This bold new approach in cylinder lubricant technology provides maximum protection from adhesive and corrosive wear at the higher operating temperatures and pressures of today's modern crosshead engines. It employs additives with substantially greater thermal stability and superior acid-corrosion protection. Through the use of unique formulation technology, this higher viscosity is attained with little or no use of thermally less stable, deposit-producing bright stock.

SAE 50 API CF TBN 70

Volume:/Art.-Nr.:

CH2407*

*Contact our sales department for quantity and volume details.







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CH5020

2023/

CHAMPION CHEMICALS LTD

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