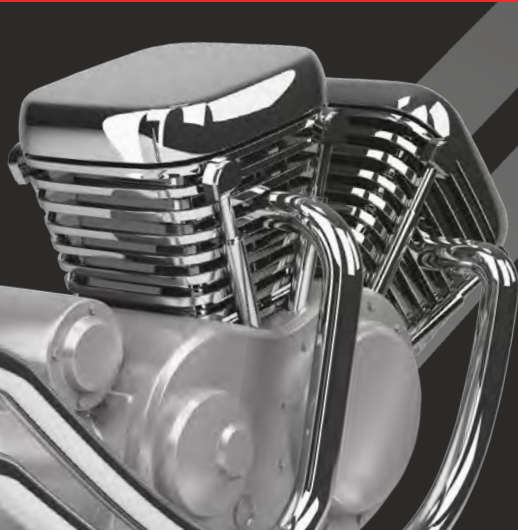


CHEMPLOIL

LET THE RACE BEGIN!



Automotive
OILS & FLUIDS



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.

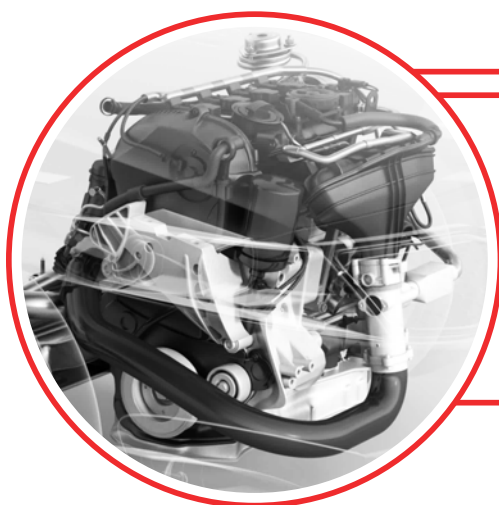


Our team has been working hard meeting all the newest requirements and specifications. And now we are proud to present you our new technology - SCTESTER.

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.



ENGINE OILS FOR CARS AND TRANSPORTERS

03

9725 Ultra SN Plus
9726 Ultra XJP
9702 Ultra LRX
9720 Ultra JP
9722 Ultra SL
9701 Ultra XTT
9703 Ultra XDI
9719 Ultra PD

9705 Ultra RS+ESTER
9505 Optima SN
9501 Optima GT
9506 Multi SN
9401 Multi HQ
9404 SAE 40
9403 SAE 50
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

11

9101 Truck CH-1 SHPD	9114 Truck CH-14 UHPD
9102 Truck CH-2 SHPD	9115 Truck CH-15 SHPD
9103 Truck CH-3 SHPD Super	9117 Truck CH-17 UHPD Blue
9104 Truck CH-4 SHPD Super	9118 Truck CH-18 SHPD
9105 Truck CH-5 UHPD Ultra	9120 Truck CH-20 SHPD
9106 Truck CH-6 UHPD Ultra ECO	9121 Truck CH-21 SHPD
9107 Truck CH-7 UHPD Blue	
9108 Truck CH-8 UHPD Extra	

TRANSMISSION FLUIDS AND GEAR OILS

16

8901 ATF D-II	8801 Syncro GLV
8902 ATF D-III	8802 Hypoid GLS
8913 ATF CVT	8804 MTF-4
8904 Multi ATF	8803 Hypoid LSD
8806 Syncro GLX	8810 SAE 90
8805 Basic GLC	8811 SAE 140



OPERATING AND SERVICE FLUIDS

21

8990 Zentral HF
8991 Plus LHM
4311 Truck AFG 11
4312 Truck AFG 12+
4313 Truck AFG 13

AGRICULTURAL AND CONSTRUCTION MACHINERY OILS

23

2501 Multifarm Stou 10W-30
2502 Multifarm Stou 10W-40
2701 Multi Utto WB 101
1101 Kettenoel

INDUSTRIAL OILS AND FLUIDS

25

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

28

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



ULTRA SN PLUS

9725

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	JAGUAR STJLR.51.5122	INFINITI
API SP (RC)	GM 6094M	LAND ROVER STJLR.51.5122	LEXUS
ILSAC GF-6A	CHRYSLER MS-6395	FORD WSS-M2C947-A	MAZDA
HONDA HTO-06	CHRYSLER MS-13340	FORD WSS-M2C947-B1	SUZUKI

> **Volume:/Art.-Nr.:**

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



ULTRA XJP

9726

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	GM dexos1 Gen2	LAND ROVER STJLR.51.5122	MAZDA
API SP (RC)	GM 6094M	FORD WSS-M2C930-A/-B	SUZUKI
ILSAC GF-6A	CHRYSLER MS-6395/13340	FORD WSS-M2C925-A/-B	
HONDA HTO-06	JAGUAR STJLR.51.5122	FORD WSS-M2C945-B1/M2C948-B	
FIAT 9.55535-CR1			

> **Volume:/Art.-Nr.:**

1L	CH9726-1
5L	CH9726-5



ULTRA LRX

9702

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 | VW TL 52 195 | PORSCHE C30 |
| API SN | BMW LL-04 | |
| ACEA C3 | VW 504 00 Approval | |
| MB 229.51 | VW 507 00 Approval | |

> **Volume:/Art.-Nr.:**

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



ULTRA JP

9720

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 | CHRYSLER MS-6395/13340 | LEXUS | HONDA HTO-06 |
| API SN/CH-4 | FIAT 9.55535-CR1 | MAZDA | |
| ILSAC GF-6A | FORD WSS-M2C929-A | SSANGYONG | |
| GM dexos1 Gen2/6094 M | FORD WSS-M2C946-A/B1 | SUZUKI | |

> **Volume:/Art.-Nr.:**

1L	CH9720-1	20L	CH9720-10	1000L	CH9720-IBC
4L	CH9720-4	60L	CH9720-60		
		208L	CH9720-DR		



ULTRA SL

9722

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.

- > **Meets:**
- | | | |
|-------------|----------------|-------------------|
| SAE 5W-30 | VW 505 00 | BMW LL-98 |
| API SN/CH-4 | VW 503 01 | RENAULT RN0710 |
| ACEA A3/B4 | VW 501 01 | RENAULT RN0700 |
| VW 502 00 | MB 229.3/229.5 | 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 XTT

9701

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 | VW 502 00/505 00 | BMW LL-01/98 | GM LL-A-025/-B-025 |
| ACEA A3/B4 | PORSCHE A40 | PSA B71 2296 | |
| API SN/CH-4 | RENAULT RN 0710/0700 | FIAT 9.55535-H2/-Z2 | |
| JASO MA2 | MB 229.5/229.3/226.5 | CHRYSLER MS-10850/10896/12991 | |

> **Volume:/Art.-Nr.:**

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



ULTRA XDI

9703

Synthetic diesel ESTER 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 | VW 502.00/505.00 | RENAULT RN17/RN0710 | GM LL-A-025 |
| API SN/CJ-4 | BMW LL-01/98 | RENAULT RN0700 | GM LL-B-025 |
| ACEA A3/B4 | PORSCHE A40 | FIAT 9.55535-H2/Z2 | |
| MB 229.5/229.3 | PSA B71 2296 | CHRYSLER MS-10850/10896/12991 | |

> **Volume:/Art.-Nr.:**

1L	CH9703-1	1L	CH9703-1ME	20L	CH9703-20	208L	CH9703-DR
5L	CH9703-5	4L	CH9703-4ME	60L	CH9703-60	1000L	CH9703-IBC
		5L	CH9703-5ME				



ULTRA PD

9719

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 gasoline engines with and without turbocharging, including those equipped with pump nozzles (Pumpe-Duse). Designed based on VW and DAIMLER requirements.

- > **Meets:**
- | | | |
|-------------|---------------------|---------------------|
| SAE 5W-40 | BMW Longlife-04 | MB 229.31/229.51 |
| API SN/CH-4 | CHRYSLER MS-11106 | RENAULT RN17/RN0700 |
| ACEA C2, C3 | FIAT 9.55535-S2/GH2 | RENAULT RN0710 |
| GM dexos2 | FORD WSS-M2C917-A | VW 505.01 |

> **Volume:/Art.-Nr.:**

1L	CH9719-1	20L	CH9719-20
5L	CH9719-5	60L	CH9719-60
		208L	CH9719-DR



ULTRA RS+ESTER

9705

Fully synthetic ESTER engine 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	CH9705-1ME
4L	CH9705-4ME



OPTIMA SN

9505

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.

- > **Meets:**
SAE 10W-30 VW 501.01/505.00
API SN MB 229.1
ACEA A3/B3

- > **Volume:/Art.-Nr.:**

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



OPTIMA GT

9501

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 JASO MA2 MB 229.3/229.1
API SN/CH-4 VW 501 01/502 00 PSA B71 2296
ACEA A3/B4 VW 500 00/505 00 RENAULT RN0700/0710

- > **Volume:/Art.-Nr.:**

1L	CH9501-1	20L	CH9501-20	208L	CH9501-DR
4L	CH9501-4	60L	CH9501-60		
5L	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 non-turbocharged petrol and diesel engines, including those with very high mileage, operating under various operating conditions.

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

- > **Volume:/Art.-Nr.:**

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



MULTI HQ

9401

Synthetic blend motor oil

- > **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

- > **Volume:/Art.-Nr.:**

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



SAE 40

9404

Universal motor oil

- > **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
5L	CH9404-5	60L	CH9404-60		

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
		60L	CH9403-60
		208L	CH9403-DR

SAE 60

7408

Mineral motor oil

➤ **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

➤ **Volume:/Art.-Nr.:**

20L	CH7408-20	208L	CH7408-DR
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MOTO 2T

9201

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:**
API TC
JASO FB
ISO L-EGB

- Volume:/Art.-Nr.:**

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



MOTO 4T PLUS

9305

Semi-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
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MOTO 4T ULTRA

9307

Universal 4-stroke motor oil

> **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



TRUCK CH-1 SHPD

9101



Universal truck engine 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	ACEA A3/B4	MB 229.1
API CH-4/SL	MAN M 3275-1	MTU Type 2
ACEA E7	MB 228.3	VOLVO VDS-2

> **Volume:/Art.-Nr.:**

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

TRUCK CH-2 SHPD

9102



Universal truck engine oil

> **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	ACEA A3/B4	MB 229.1
API CH-4/SL	MAN M 3275-1	MTU Type 2
ACEA E7	MB 228.3	VOLVO VDS-2

> **Volume:/Art.-Nr.:**

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
API CH-4/SL MB 228.3/229.1
ACEA E7 MTU Type 2
ACEA A3/B4 VOLVO VDS-2

Volume:/Art.-Nr.:

20L	CH9103-20	208L	CH9103-DR
		1000L	CH9103-IBC

TRUCK CH-4 SHPD Super 9104



Universal truck ESTER motor oil

Description:
Innovative all-weather mineral-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 15W-40	ACEA A3/B4	CUMMINS CES 20076/20077/20078	MAN M 3275-1
API CI-4 Plus	JASO DH-1	DETROIT DIESEL 93K215	MB 228.3/228.1
API CI-4/CH-4/SL	GLOBAL DHD-1	MACK EO-N/M Plus	MTU Type 2
ACEA E7	CATERPILLAR ECF-2/1-a	VOLVO VDS-3	RENAULT RLD-2

Volume:/Art.-Nr.:

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

TRUCK CH-5 UHPD Ultra 9105



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	JASO DH-1	CUMMINS CES 20077	MB 228.1/228.3
API CI-4 Plus	GLOBAL DHD-1	CUMMINS CES 20078	MTU Type 2
API CI-4/CH-4/SL	CATERPILLAR ECF-2	DETROIT DIESEL 93K215	RENAULT RLD-2
ACEA E7	CATERPILLAR ECF-1-a	MACK EO-N/M Plus	VOLVO VDS-3
ACEA A3/B4	CUMMINS CES 20076	MAN M 3275-1	

Volume:/Art.-Nr.:

10L	CH9105-10	208L	CH9105-DR
20L	CH9105-20	1000L	CH9105-IBC
60L	CH9105-60		



TRUCK CH-6 UHPD Ultra Eco

Synthetic truck motor oil

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	CUMMINS CES 20076	MACK EO-M Plus	MTU Type 3
API CI-4	CUMMINS CES 20077	MACK EO-N	RENAULT RLD-2/RXD
ACEA E4	CUMMINS CES 20078	MAN M 3277/3377	VOLVO VDS-3
ACEA E7	DETROIT DIESEL 93K215	MB 228.5	

Volume:/Art.-Nr.:

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



TRUCK CH-7 UHPD Blue 9107

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	IVECO (ACEA E6)	MB 228.31/228.51	MACK EOS-4.5 Approval
API CK-4/CJ-4	CATERPILLAR ECF-3	MAN M 3775	RENAULT VI RLD-3 Approval
ACEA E6/E9	CUMMINS CES 20086		VOLVO VDS-4.5 Approval
DAF (ACEA E6)	DETROIT DIESEL DDC 93K222		

Volume:/Art.-Nr.:

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



TRUCK CH-8 UHPD Extra 9108

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 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	VOLVO VDS-3	RENAULT RLD-2
ACEA E4	MAN M 3277/3377	API CI-4
ACEA E7	MACK EO-N	MTU Type 3
MB 228.5	DETROIT DIESEL 93K215	CUMMINS CES 20076/20077/20078

Volume:/Art.-Nr.:

20L	CH9108-20
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	MAN M 3775	CATERPILLAR ECF-2/ECF-3	MACK EO-O Premium Plus Approval
API CJ-4/SN	SCANIA Low Ash	CUMMINS CES 20076/20077/20081	RENAULT RLD-3 Approval
ACEA E7	JASO DH-2	DETROIT DIESEL 93K21	VOLVO VDS-4 Approval
ACEA E9	MB 228.31	MTU Type 2.1	

Volume:/Art.-Nr.:

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

TRUCK CH-15 SHPD

9115



Universal truck engine oil

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	ACEA A3/B4	MB 228.1/228.3	MTU Type 2
API CI-4 Plus	JASO DH-1	DETROIT DIESEL 93K215	RENAULT RLD-2
API CI-4/CH-4/SL	CATERPILLAR ECF-2/ECF-1-a	MACK EO-N/M Plus	VOLVO VDS-3
ACEA E7	CUMMINS CES 20076/20077/20078	GLOBAL DHD-1	MAN M 3275-1

Volume:/Art.-Nr.:

10L	CH9115-10	208L	CH9115-DR
20L	CH9115-20	1000L	CH9115-IBC
60L	CH9115-60		

TRUCK CH-17 UHPD Blue 9117



Fully synthetic truck engine 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	SCANIA LDF-4	RENAULT RLD-3
API CK-4	VOLVO VDS 4.5	IVECO (ACEA E6-2016)	MACK EOS-4.5
ACEA E6	CUMMINS CES 20078	DAF (ACEA E6-2016)	CATERPILLAR ECF-3
ACEA E9	MAN M 3677	DETROIT DIESEL DDC93K222	

Volume:/Art.-Nr.:

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



TRUCK CH-18 SHPD

9118

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	MB 228.31	MAN M 3775	DETROIT DIESEL DDC93K222
API CK-4	MB 228.51	IVECO (ACEA E6-2016)	RENAULT RLD-3
ACEA E6	VOLVO VDS-4.5	DAF (ACEA E6-2016)	MACK EOS-4.5
ACEA E9	CUMMINS CES 20086	CATERPILLAR ECF-3	

> **Volume:/Art.-Nr.:**

20L	CH9118-20	208L	CH9118-DR
		1000L	CH9118-IBC



TRUCK CH-20 SHPD

9120

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.

> **Meets:**

SAE 10W-30	JASO DH-2	MACK EO-O Premium Plus -07	VOITH Retarder Class B
API CJ-4/CK-4	MAN M 3677/3477	SCANIA Low Ash	VOLVO VDS-4 Approval
ACEA E6	MTU Type 3.1	CATERPILLAR ECF-2/ECF-3	RENAULT Truck RLD-3 Approval
ACEA E7	MB 228.31/228.51	CUMMINS CES 20081	MACK EO-O Premium Plus Approval
ACEA E9	MB 235.28	DETROIT DIESEL DDC 93K218	

> **Volume:/Art.-Nr.:**

20L	CH9120-20	208L	CH9120-DR
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TRUCK CH-21 SHPD

9121

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, MACK and RENAULT centres and has their written approvals.

> **Meets:**

SAE 10W-30	JASO DH-2	DETROIT DIESEL DDC93K222	FORD WSS-M2C171-F1
API CK-4/SN	MTU Type 2.1	DETROIT DIESEL DDC93K223	VOLVO VDS-4.5 Approval
API CJ-4/CI-4 Plus	MB 228.31	CATERPILLAR ECF-3	RENAULT VI RLD-3 Approval
ACEA E6	MAN M 3775/3575	CUMMINS CES 20086/20078	MACK EOS-4.5 Approval
ACEA E9	ALLISON TES-439	RENAULT Truck RLD-4	

> **Volume:/Art.-Nr.:**

10L	CH9121-10	208L	CH9121-DR
20L	CH9121-20	1000L	CH9121-IBC



ATF D-II

8901

Automatic transmission Fluid

> **Description:**

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

> **Volume:/Art.-Nr.:**

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



ATF D-III

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	FORD ESP-M2C138-CJ	VOITH H 55.6335.xx (G607)
ALLISON TES 389	FORD ESP-M2C166-H	ZF TE-ML 09/11/14
CATERPILLAR TO-2	GM Dexron III H/G/F	
FORD Mercon V	MB 236.1	

> **Volume:/Art.-Nr.:**

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





MULTI ATF

8904

Automatic transmission fluid

> **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 Mercon standards is prescribed.

> **Meets:**

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

> **Volume:/Art.-Nr.:**

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



ATF CVT

8913

Synthetic gear oil

> **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:**

VOLKSWAGEN G 052 180	FORD WSS-M2C928-A	GM DEX-CVT
BMW 83 22 0 429 154	FORD WSS-M2C933-A	GM SATURN DEX-CVT
BMW CVT EZL 799A	FORD CVT FLUID 23	HONDA HMMF (08260-99904)
CHRYSLER CVT FLUID NS-2	FORD CVT FLUID 30	HONDA HCF-2
DAIHATSU AMIX CVT FLUID DC	FORD Mercon C	JEEP CVT FLUID NS-2 and many others.

> **Volume:/Art.-Nr.:**

1L	CH8913-1
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SYNCRO GLX

8806

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.:**

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

BASIC GLC

8805



Fully synthetic gear oil

- > **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	CH8805-4ME	20L	CH8805-20	1000L	CH8805-IBC
10L	CH8805-10	208L	CH8805-DR		

SYNCRO GLV

8801



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.

- > **Meets:**
SAE 75W-90
API GL-4/GL-5 LS (Limited Slip)
MACK GO-J/Plus
SCANIA STO 1:0
MAN 342 M1
MAN 342 M2
MAN 342 M3

> **Volume:/Art.-Nr.:**

1L	CH8801-1	20L	CH8801-20	208L	CH8801-DR
4L	CH8801-4	60L	CH8801-60	1000L	CH8801-IBC
4L	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:**
SAE 80W-90
API MT-1
API GL-4/GL-5 LS (Limited Slip)
MIL L 2105 D
MACK GO-J
MAN 342

> **Volume:/Art.-Nr.:**

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



MTF-4

8804

Synthetic gear oil

> **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	BMW MTF LT-1/ LT-2	MITSUBISHI MZ312644 3005401
API GL-4	BMW MTF LT-3/LT-4	PSA B71 2330
VW G 009 317	FORD WSS-M2C200-D2	PEUGEOT 9730A2/9730A8
VW G 052 171/178/512/532/527/726/798	MB 235.10	TOYOTA JWS 227
VW G 055 726	NISSAN 999MP-MTF20P	KE91699932R

> **Volume:/Art.-Nr.:**

20L	CH8804-20	
208L	CH8804-DR	1000L CH8804-IBC



HYPOID LSD

8803

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.:**

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



SAE 90

8810

Universal gear oil

> **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.:**

4L	CH8810-4	
20L	CH8810-10	60L CH8810-60

SAE 140

8811

Universal gear oil

> **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

> **Volume:/Art.-Nr.:**

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



ZENTRAL HF

8990

Synthetic central hydraulic fluid

Description:

High-quality and highly effective multi-purpose synthetic hydraulic fluid with ashless additives, developed for central hydraulic systems of modern cars - Central Hydraulic Fluid (CHF). Designed based on the highest requirements of automakers for use over the entire life of the vehicle.

Meets:

VW G 002 000 (TL 521 46)	FORD WSS-M2C204-A	OPEL B 040 0070
VW G 004 000	GM B 040 0070	VOLVO 8713089
BMW 81 22 9 407 758	MAN M 3289 (362393)	Others CHF 11S
FENDT X 902.011.622	MB 345.0	

Volume:/Art.-Nr.:

1L	CH8990-1
20L	CH8990-20



PLUS LHM

8991

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	NEW HOLLAND NH-610A
ISO 7308	PSA B71 2710
FIAT 9.55597	SDFG OF1611S
IVECO 18-1823	

Volume:/Art.-Nr.:

1L	CH8991-1	1L	CH8991-1ME
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TRUCK AFG 11

4311



Coolant fluid

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
VOLKSWAGEN TL 774 C

Volume:/Art.-Nr.:

20L	CH4311-20
208L	CH4311-DR

TRUCK AFG 12+

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	CUNA ITALY NC 956-16	VOLKSWAGEN TL 774 D/F
AFNOR FRANCE NF R15-601	FVV GERMANY Heft R443	CHRYSLER MS-9176
AS AUSTRALIA AS 2108	JIS JAPAN K 2234	CUMMINS 85T8-2/85T8-4
ASTM USA D3306/D4340/D4985	NATO S-759	FORD WSS-M97B44-D
BSI GB BS 6580:2010	UNE SPAIN 26361-88	GM 6277 M and many others.

Volume:/Art.-Nr.:

20L	CH4312-20
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	FORD ESE-M978B4H-A	JAGUAR	RENAULT Type D
NATO S-759	FORD AF Plus	JOHN DEERE	ROVER
BMW	GM 1825 M/1899 M	MAN 324 Typ NF	SAAB
DAF	GM SATURN	MB 325.0	

Volume:/Art.-Nr.:

20L	CH4313-20
208L	CH4313-DR



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:/Art.-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

CATERPILLAR TO-2
FORD ESN-M2C134-D/M2C86-B
FORD ESN-M2C86-C
FORD WSS-M2C159-B/C

FORD NEW HOLLAND 82009201
FORD NEW HOLLAND 82009202
FORD NEW HOLLAND 82009203
JOHN DEERE J27 and many others.

> Volume:/Art.-Nr.:

20L	CH2502-20
2080L	CH2502-DR



MULTI UTTO WB 101 2701



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	CASE I H MS 120/1206/1207/1209	FORD NEW HOLLAND ESN-M2C86-A/B
ALLISON C4	CASE NEW HOLLAND MAT 3525/3526	FORD NEW HOLLAND ESN-M2C134-A
DIN 51524-2	CATERPILLAR TO-2	FORD NEW HOLLAND ESN-M2C134-C
VOLVO WB 101,97303	FORD NEW HOLLAND ESN-M2C41-B	FORD NEW HOLLAND ESN-M2C134-D and many others.

> **Volume:/Art.-Nr.:**

20L	CH2701-20
60L	CH2701-60
208L	CH2701-DR

KETTENOEL 1101



Mineral-based oil

> **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.

> **Meets:**

ISO Viscosity Grade 100

> **Volume:/Art.-Nr.:**

20L	CH1101-20
208L	CH1101-DR



M.O. SAE SERIES



Industrial engine 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 CD/SD
MIL L 2104 C
CATERPILLAR Series 3

DAVID BROWN DB OM 616
MACK EO-J
VOLVO B20

> **Range:**

M.O. SAE **3101** - SAE 10W, M.O. SAE **3102**- 20W, M.O. SAE **3103** - SAE 30
M.O. SAE **3104** - SAE 40, M.O. SAE **3105**- 50

> **Volume:/Art.-Nr.:**

208L	CH3101-DR	CH3102*	10L	CH3103-10	10L	CH3104-10	CH3105*
			20L	CH3103-20	20L	CH3104-20	
					208L	CH3104-DR	

*Contact our sales department for quantity and volume details.

GEAR OIL ISO 220

2801



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

> Range:

TO-4 Powertrain oil **2601** - SAE 10W,
TO-4 Powertrain oil **2602** - SAE 30, TO-4 Powertrain oil **2603** - SAE 50.

> Volume:/Art.-Nr.:

20L	CH2601-20	20L	CH2602-20	CH2603*
60L	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 velocities.

> 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
PARKER DENISON HF-0/1/2

PARKER DENISON Filterability TP 02100
SPERRY VICKERS I-286-S
MAG CINCINNATI P-68/P-69/P-70

> Volume:/Art.-Nr.:

10L	CH2101-10	10L	CH2102-10	10L	CH2103-10	CH2104*	CH2105*
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		

*Contact our sales department for quantity and volume details.

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 extra-high loads, pressures, temperatures and/or velocities and especially in the conditions of strongly varying temperatures.

> Meets:

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

> Volume:/Art.-Nr.:

CH2204*	20L	CH2201-20	10L	CH2202-10	20L	CH2203-20
	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.



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
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.
- **Range:**
Compressor oil **2901** - ISO 46, Compressor oil **2902** - ISO 100, Compressor oil **2903** - ISO 150,
Compressor oil **2904** - ISO 220.
- **Volume:/Art.-Nr.:**
- | | | | | |
|------|-----------|------|-----------|----------------|
| 20L | CH2901-20 | 20L | CH2902-20 | CH2903* |
| 208L | CH2901-DR | 208L | CH2902-DR | 208L CH2904-DR |

*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 51506 (VBL DIN VCL DIN VDL)
DIN 51515-1 (L-TD)/DIN 51515-2 (TG)
ISO DP 6521
VDMA 24568
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:**
Turbine **2301** - ISO 32, Turbine **2302** - ISO 46, Turbine **2303** - ISO 68.
- **Volume:/Art.-Nr.:**
- | | | |
|---------|---------|---------|
| CH2301* | CH2302* | CH2303* |
|---------|---------|---------|

*Contact our sales department for quantity and volume details.



EMULSION

1103

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-ferrous metals.
- **Meets:**
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 oxidation 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:
Marine **2401** - SAE 30, Marine **2402** - SAE 40, Marine **2403** - SAE 50.

Volume:/Art.-Nr.:
CH2401* CH2402* CH2403*

*Contact our sales department for quantity and volume details.

MARINE 12 SERIES



Marine oil

Description:
High performance diesel engine oil developed for use on low sulphur distillate fuels in marine and industrial applications. They are formulated to have excellent resistance to oxidation 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,
API CF
TBN 12

Range:
Marine **2404** - SAE 30, Marine **2405** - SAE 40.

Volume:/Art.-Nr.:
CH2404* CH2405*

*Contact our sales department for quantity and volume details.



MARINE 3040

2406

Marine oil

- 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

2407

Marine oil

- 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.

- Meets:**
SAE 50
API CF
TBN 70

- Volume:/Art.-Nr.:**
CH2407*

*Contact our sales department for quantity and volume details.



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