

Automotive lubricants. Heavy engine vehicle.

Traction Max 5W-30 LS



Key information

- 100% synthetic lubricant with a long drain interval, low SAPS content, and high fuel economy properties.
- Compatible with gas after-treatment systems DPF/SCR/EGR.
- Euro VI, Stage V, Tier 4 and earlier engines.
- Compatible with alternative fuels (gas - CNG-, biodiesel).



> Quality standards

- ACEA E8, E11, E7, E6, E9
- API CK-4, SN – backwards compatible with CJ-4 and earlier
- JASO DH-2



> Manufacturer specifications

- | | | |
|--|-----------------------------------|---------------------------|
| · MAN M 3677, 3775, 3477, 3575 | · Mack EOS-4.5, EO-O Premium Plus | · Deutz DQC IV-18 LA |
| · DTFR 15C120, 15C110, 15C100
(MB 228.52, 228.51, 228.31) | · Scania LDF-4, Low Ash | · Caterpillar ECF-3/2/1-A |
| · Volvo VDS-4.5, VDS-4 | · Detroit Diesel DFS 93K222/218 | · Ford M2C213-A1 |
| · Renault RLD-3 | · Cummins CES 20086/81 | · DAF PSQL 2.1E-LD |
| | · MTU Type 3.1 | · Iveco 18-1804 TLS E9 |

> Use

- It is ideal for use in trucks, buses, light commercial vehicles, and vans, offering an ideal lubrication solution for fleets of mixed vehicles.
- Recommended for engines that require an API CK-4 and ACEA E8 oil profile and use low-sulfur fuel.
- Designed for vehicles equipped with exhaust gas after-treatment systems, such as particulate filters (DPF), continuous regeneration traps (CRT) and AdBlue selective catalytic reduction systems (SCR) that require low ash oils (SAPS), optimizing their service life and saving on maintenance.
- It is recommended to follow the indications of the vehicle manual regarding viscosity and oil specifications, as well as its drain interval according to the amount of sulfur of the fuel used.

> Benefits

- Its high viscosity index allows easy start up at low temperatures and a sufficient oil film in hot climates, protecting the engine from excessive wear at most crucial times it is used.

- Its high oxidation/thermal degradation stability makes it suitable for high temperature protection of modern turbocharged engines.
- It provides significant fuel economy compared to an SAE 15W-40 oil (~1%), thus contributing to reduction of CO₂ emissions.
- The high level of protection and deposit removal provided by this oil allows the engine to be kept in perfect working order, extending its service life and allowing it to always work in optimum conditions.

*For more information on how much you can save with Traction Max 5W-30 LS, visit the Traction Calculator: www.moeve.es/calculadora-traction

> Physical and chemical properties

Characteristic	Units	Method	Traction Max 5W-30 LS
SAE Grade	-	-	5W-30
Density at 15°C	kg/l	ASTM D 4052	0.857
Viscosity at 100°C	cSt	ASTM D 445	11.6
Viscosity at 40°C	cSt	ASTM D 445	73
Viscosity Index	-	ASTM D 2270	154
CCS Viscosity at -25° C	cP	ASTM D 5293	5756
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.5
Pour Point	°C	ASTM D 5950	-39
Flash Point	°C	ASTM D 92	228
Base number, TBN	mg KOH/g	ASTM D 2896	10.2
Sulfated ash	% (m/m)	ASTM D 874	0.90

> Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.