

Automotive lubricants. Heavy engine vehicle.

Traction Max 5W-30 LS Pro



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).



Low
SAPS



Fuel
Economy



Long
Drain

› Quality standards

- ACEA E8, E11, E4, E7, E6, E9
- API CK-4 – backward compatible with CJ-4 and earlier
- JASO DH-2



› Manufacturer specifications

- | | | |
|--|-----------------------------------|---------------------------|
| · MAN M 3777, 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 | · DAF PSQL 2.1E-LD |
| · Renault RLD-3 | · Cummins CES 20086/81 | · Iveco |
| | · MTU Type 3.1 | |

› Use

- In mixed fleets of buses and long-haul trucks, with multi-brand Euro VI engines. It is also suitable for previous engines and for gas engines running on CNG gas.
- 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.
- Due to its low SAPS content and high detergency (TBN) profile, it is a global lubricant designed for both modern European engines and American engines, as well as for older vehicles with more dirt build-up and wear.
- 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

- Thanks to the technology used and its low viscosity, it provides significant fuel economy compared to an SAE 15W-40 oil (~1%), thus contributing to reduction of CO₂ emissions.

- It provides outstanding results in the most stringent engine cleanliness tests (Daimler OM501LA), significantly reducing formation of deposits and sludge, providing long intervals between oil changes and ensuring longer engine service life.
- 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.

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

Physical and chemical properties

Characteristic	Units	Method	Traction Max 5W-30 LS Pro
SAE Grade	-	-	5W-30
Density at 15°C	kg/l	ASTM D 4052	0.855
Viscosity at 100°C	cSt	ASTM D 445	12.2
Viscosity at 40°C	cSt	ASTM D 445	72
Viscosity Index	-	ASTM D 2270	169
CCS Viscosity at -30°C	cP	ASTM D 5293	6030
HTHS Viscosity at 150°C	cP	ASTM D 4683	3.5
Pour Point	°C	ASTM D 5950	-39
Flash Point	°C	ASTM D 92	232
Base number, TBN	mg KOH/g	ASTM D 2896	13.3
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.