Automotive lubricants. Heavy engine vehicle.

# Traction Full 10W-30 MS

## Key information

Low SAPS

Fuel Economy

- Lubricant formulated with synthetic technology, low SAPS content, and fuel economy properties.
- Compatible with gas after-treatment systems DPF/SCR/EGR.
- Euro VI, Stage V, Tier 4 and earlier engines.

## Quality standards

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

EELQMS

API SERVICE CK-4 SAE 10W-30

## Manufacturer specifications

- MAN M 3775, 3575
- DTFR 15C100 (MB 228.31)
- Volvo VDS-4.5, VDS-4
- Renault RLD-3
- Mack EOS-4.5, EO-O Premium Plus
- Detroit Diesel DFS 93K222/218
- Cummins CES 20086/81
- MTU Type 2.1
- Deutz DQC III-18 LA
- Caterpillar ECF-3/2/1-A
- Ford M2C171-F1
- DAF PSQL 2.1E

## 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 E11 oil profile and use low-sulfur fuel.
- Recommended for agricultural and construction vehicles that require an oil with these characteristics.
- It can be used in both gas (CNG) engines and those that use biodiesel as fuel.
- 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

- Compatible with engines equipped with exhaust gas after-treatment systems, such as diesel 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 allows fuel economy of up to 1% compared to conventional oils.
- Its high oxidation stability and deposit removal allows the engine to be kept in perfect working condition, 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 10W-30 MS, visit the Traction Calculator: www.moeve.es/calculadora-traction

# Traction

## Physical and chemical properties

| Characteristic | Units | Method | Traction full 10W-30 MS |
|---|---|---|---|
| **SAE Grade** | - | - | **10W-30** |
| Density at 15°C | kg/l | ASTM D 4052 | 0.866 |
| Viscosity at 100°C | cSt | ASTM D 445 | 11.7 |
| Viscosity at 40°C | cSt | ASTM D 445 | 80 |
| Viscosity Index | - | ASTM D 2270 | 141 |
| CCS Viscosity at -30°C | cP | ASTM D 5293 | 5049 |
| HTHS Viscosity at 150°C | cP | ASTM D 4683 | 3.5 |
| Pour Point | °C | ASTM D 5950 | -46 |
| Flash Point | °C | ASTM D 92 | 240 |
| Base number, TBN | mg KOH/g | ASTM D 2896 | 9.8 |
| Sulfated ash | % (m/m) | ASTM D 874 | 0.82 |

## 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.