

Automotive lubricants. Heavy engine vehicle.

## Traction Original 25W-60



### Key information

- High viscosity multi-grade mineral oil.
- High mileage engines with slack.
- Diesel and gasoline engines with indirect injection.

### > Quality standards

- API CF, SF

### > Manufacturer specifications

- CATERPILLAR TO-2
- Allison C3
- CCMC D2

### > Use

- Designed for use in natural suction or turbocharged engines.
- In light, medium and heavy vehicles that require a high-performance lubricant protecting against soot formation and thickening of the oil in the sump.
- When a very high viscosity oil is required due to an increase in oil consumption or operation under high load and temperature conditions.
- In public works and mining when a low-consumption lubricant is required.
- 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

- Effective control of deposits and wear with diesel fuels with a high sulfur content ( $\geq 0.5\%$ ).
- High lubricity, protection, and watertightness, helping to avoid possible oil leakage due to gasket and seal cracking.
- High anti-wear protection in all parts of the engine, particularly in the parts subject to a higher usage temperature with a risk of breaking the lubrication film.
- Valid for weather conditions of high environmental temperatures and high levels of continuous demand.
- Due to its high level of detergency and dispersancy, it prevents sludge from forming in the sump, keeping the engine clean.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.

## > Physical and chemical properties

Characteristic	Units	Method	Traction Original 25W-60
<b>SAE Grade</b>	-	-	<b>25W-60</b>
Density at 15°C	kg/l	ASTM D 4052	0.897
Viscosity at 100°C	cSt	ASTM D 445	24.3
Viscosity at 40°C	cSt	ASTM D 445	252
Viscosity Index	-	ASTM D 2270	121
CCS Viscosity at -10° C	cP	ASTM D 5293	8033
HTHS Viscosity at 150°C	cP	ASTM D 4683	>3.7
Pour Point	°C	ASTM D 5950	-27
Flash Point	°C	ASTM D 92	280
Base number, TBN	mg KOH/g	ASTM D 2896	8.1
Sulfated ash	% (m/m)	ASTM D 874	0.91

## > 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.