

Automotive lubricants. Heavy engine vehicle.

# Traction Original 20W-50



## Key information

- High viscosity multi-grade mineral oil.
- Euro IV engines and earlier, with EGR system.
- Not compatible with diesel particulate filter (DPF).

## > Quality standards

- API CI-4, SL – backwards compatible with CH-4, SJ and previous

## > Manufacturer specifications

- |                          |                    |
|--------------------------|--------------------|
| • MAN M 3275-2           | • Deutz DQC II-10  |
| • DTFR 15B110 (MB 228.3) | • Caterpillar TO-2 |
| • Cummins CES 20076      | • Allison C4       |
| • MTU Type 2             |                    |

## > Use

- Suitable for all types of heavy diesel engines that require oil with these characteristics.
- For light, medium, and heavy vehicles requiring high-performance lubricant oil protecting against soot formation and thickening of the oil in the sump.
- In public works and mining, when a lubricant is needed that is low consumption and higher quality than those normally recommended for this application.
- 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

- Due to its high level of detergency and dispersancy, it prevents sludge from forming in the sump, keeping the engine clean.
- Its high viscosity offers optimal protection for all engine parts, even in applications at high temperatures.
- Reduces oil consumption compared to lower viscosity oils.

## > Physical and chemical properties

Characteristic	Units	Method	Traction Original 20W-50
<b>SAE Grade</b>	-	-	<b>20W-50</b>
Density at 15°C	kg/l	ASTM D 4052	0.882
Viscosity at 100°C	cSt	ASTM D 445	16.9
Viscosity at 40°C	cSt	ASTM D 445	148
Viscosity Index	-	ASTM D 2270	139
CCS Viscosity at -15° C	cP	ASTM D 5293	4082
HTHS Viscosity at 150°C	cP	ASTM D 4683	4.6
Pour Point	°C	ASTM D 5950	-33
Flash Point	°C	ASTM D 92	246
Base number, TBN	mg KOH/g	ASTM D 2896	9.1
Sulfated ash	% (m/m)	ASTM D 874	1.10

## > 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.