

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.

> Physical and chemical properties

Characteristic	Units	Method	Traction Original 25W-60
SAE Grade	-	-	25W-60
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.