

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.