

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION MAX 20W50



DESCRIPTION

Oil for very high-performance heavy diesel applications, making it suitable for use in Euro V/IV and older engines without Diesel Particulate Filters (DPFs).

PRODUCT APPLICATIONS

- Oil suitable for all types of heavy diesel engines that require an oil of these characteristics.
- In light, medium and heavy vehicles that need a lubricating oil with superior performance against the formation of soot and thickening of the oil in the crankcase.
- In Public Works and Mining requiring a lubricant of low consumption and higher quality than those normally recommended for such applications.

PRODUCT PERFORMANCE

- Considered to be of "universal" quality, it meets and exceeds most of the specifications currently required by heavy vehicle manufacturers.
- Due to its high viscosity, it offers optimum protection of all engine parts, even in high-temperature applications.
- Reduces oil consumption compared to lower viscosity oils.

SPECIFICATIONS

- API CH-4
- Renault RD-2
- Deutz DQC II-05
- MTU Type 2
- Mack EO-M Plus
- CAT ECF-1a
- MB 228.3
- Cummins CES 20077
- MAN M 3275-1
- Volvo VDS-2

TYPICAL CHARACTERISTICS

| CHARACTERISTIC | UNITS | METHOD | TRACTION MAX 20W50 |
|------------------------|----------|------------------|--------------------|
| SAE Grade | - | - | 20W50 |
| Density at 15°C | g/ml | ASTM D 4052 | 0.8928 |
| Viscosity at 100°C | cSt | ASTM D 445 | 17.95 |
| Viscosity at 40° C | cSt | ASTM D 445 | 160.4 |
| Viscosity index | - | ASTM D 2270 | 124 |
| CCS Viscosity at -15°C | cP | ASTM D 5293 | 7683 |
| Freezing point | °C | ASTM D 5950 / 97 | -30 |
| Flash point, V/A | °C | ASTM D 92 | >200 |
| Base number, TBN | mg KOH/g | ASTM D 2896 | 10 |
| Sulphated ash | % (m/m) | ASTM D 874 | 1.2 |

HEALTH & SAFETY AND ENVIRONMENT

A 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.