

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 CI-4
- Renault RD-2
- Deutz DQC II-10
- Mack EO-M Plus
- CAT ECF-1a
- DTFR 15B110 (MB 228.3)
- MAN M 3275-1
- Volvo VDS-2

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION MAX 20W50
SAE Grade	-	-	20W-50
Density at 15°C	g/ml	ASTM D 4052	0,889
Viscosity at 100°C	cSt	ASTM D 445	17,75
Viscosity at 40° C	cSt	ASTM D 445	148,4
Viscosity index	-	ASTM D 2270	132
CCS Viscosity at -15°C	cP	ASTM D 5293	5130
Freezing point	°C	ASTM D 5950 / 97	-33
Flash point, V/A	°C	ASTM D 92	246
Base number, TBN	mg KOH/g	ASTM D 2896	9,1
Sulphated ash	% (m/m)	ASTM D 874	1,1

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.