



LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL



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

Mack EO-M Plus

Renault RD-2

Deutz DQC II-10

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	сР	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.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.