

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION 15W40



DESCRIPTION

High performance Heavy Diesel motor oil with "MILD EXTEND DRAIN" qualification, for EURO III and earlier diesel engines, under severe conditions of use and requiring oils with high soot control.

PRODUCT APPLICATIONS

- Especially indicated for all types of machinery in the field of public works that require an API CH-4 type lubricant.
- All types of industrial vehicles with Euro III and earlier engines.
- Light vehicles in urban services with frequent starts and stops.

PRODUCT PERFORMANCE

- Very high control of soot in the crankcase, in EURO III and EPA (American) engines, avoiding excessive oil thickening, filter blockage and wear of the valve train transmission.
- High foam control for designs that require oil as hydraulic fluid to drive the diesel injection system.
- A highly cost-effective product, it is ideal for Urban and Public Works services, with normal oil change intervals.

SPECIFICATIONS

- ACEA E2
- VOLVO VDS
- CATERPILLAR ECF-1-a
- API CH-4
- MACK EO-M
- CATERPILLAR TO-2
- MB-Approval 228.1
- MTU Type 1
- ALLISON C4
- MAN 271
- CUMMINS CES 20071/76

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION 15W40
SAE Grade	-	-	15W40
Density at 15°C	g/ml	ASTM D 4052	0.888
Viscosity at 100°C	cSt	ASTM D 445	14.00
Viscosity at 40° C	cSt	ASTM D 445	102.00
Viscosity index	-	ASTM D 2270	138
CCS Viscosity at -20°C	cP	ASTM D 5293	4725
Freezing point	°C	ASTM D 5950 / 97	-27
Flash point, V/A	°C	ASTM D 92	>210
Base number, TBN	mg KOH/g	ASTM D 2896	10
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.