

## MOTOR VEHICLE LUBRICANT OIL. 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 suitable for public works machinery, as well as for 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
- Mack EO-M
- MAN M 271
- Cummins CES 20076
- MB 228.1
- MTU Type 1
- Volvo VDS
- CAT ECF-1a

#### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION 15W40
<b>SAE Grade</b>	-	-	<b>15W40</b>
Density at 15°C	g/ml	ASTM D 4052	0.888
Viscosity at 100°C	cSt	ASTM D 445	13.9
Viscosity at 40°C	cSt	ASTM D 445	104
Viscosity index	-	ASTM D 2270	135
CCS viscosity at -20°C	cP	ASTM D 5293	4725
Freezing point	°C	ASTM D 5949	-27
Flash point, V/A	°C	ASTM D 92	>210
Base number, TBN	mg KOH/g	ASTM D 2896	10.2
Sulphated ash	% (m/m)	ASTM D 874	1.1

#### 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 in accordance with the applicable legislation.