

LUBRICANTS FOR AUTOMOTION. HEAVY DIESEL

TRACTION ADVANCED 10W40



DESCRIPTION

Synthetic lubricant with high quality additives for the lubrication of advanced commercial diesel vehicles (supercharged and intercooled) in Euro IV and Euro V engines of most manufacturers using EcoBlue® (SCR) or gas recirculation (EGR) systems. Technology developed for very long drainage periods, meeting ACEA E4 requirements.

PRODUCT APPLICATIONS

- Intended for trucks and buses, both long-distance as well as interurban and urban, which require very extended maintenance intervals.
- For engines that produce a high rate of soot due to their high dispersant capacity.
- Exceeding the MAN M 3377 specification, it can be used in MAN Euro VI engines, provided that the MAN particulate filter maintenance requirements are met.
- Also indicated in mixed fleets, where there are vehicles with Euro V and older engines.

PRODUCT PERFORMANCE

- Provides high piston cleaning, around 60% higher than conventional SHPD, resulting in lower maintenance costs and longer engine life.
- Excellent protection against oxidation and corrosion.
- Due to its better fluidity, it reduces wear during critical start-up periods.

SPECIFICATIONS

- ACEA E4, E7
- VOLVO VDS-3
- MTU Type 3
- API CI-4
- MACK EO-N
- DEUTZ DQC IV-10
- MAN M 3277 / M 3377
- RENAULT VI RXD/RLD-2
- Detroit Diesel DDC93K215
- DTFR 15B120 (MB 228.5)
- CUMMINS CES 20078



TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED 10W40
SAE Grade	-	-	10W-40
Density at 15°C	g/ml	ASTM D 4052	0.8612
Viscosity at 100°C	cSt	ASTM D 445	13.35
Viscosity at 40° C	cSt	ASTM D 445	89.8
Viscosity index	-	ASTM D 2270	150
CCS viscosity at -25°C	cP	ASTM D 5293	6300
Freezing point	°C	ASTM D 5950	-33
Flash point, V/A	°C	ASTM D 92	>220
Base number, TBN	mg KOH/g	ASTM D 2896	13
Sulphated ash	% (m/m)	ASTM D 874	1.44

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.