



### DESCRIPTION

100% 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. Not compatible with particulate filters (DPF).

### 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.
- As it exceeds the MAN M 3377 specification, it can be used on MAN Euro V engines.
- Also recommended for 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 a longer engine life.
- Excellent protection against oxidation and corrosion.
- Due to its better fluidity, it reduces wear during critical start-up periods.
- Technology developed for very long drainage periods, meeting ACEA E4 requirements.

### 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 RLD-2
- Detroit Diesel DDC93K215
- MB-Approval 228.5
- CUMMINS CES 20078
- Global DHD-1



### TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	TRACTION ADVANCED 10W40
<b>SAE Grade</b>	-	-	<b>10W40</b>
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	6290
Freezing point	°C	ASTM D 5949	-36
Flash point, V/A	°C	ASTM D 92	>200
Base number, TBN	mg KOH/g	ASTM D 2896	13.2
Sulphated ash	% (m/m)	ASTM D 874	1.44

### 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.