

## Mabanol Argon Truck Blue FE 15W-40

High Performance Engine Oil for Heavy-Duty Services (SHPD)

### Application

Mabanol Argon Truck Blue FE 15W-40 is especially designed for use in heavy-duty vehicles equipped with turbocharger and intercooler.

Mabanol Argon Truck Blue FE 15W-40 is a year-round high-performance motor oil which is perfectly suitable for heavy-duty engines required to meet Euro V and VI standards set by several engine manufacturers.

### Properties

Mabanol Argon Truck Blue FE 15W-40 is a engine oil for turbo-charged commercial vehicles boasting a SHPD formulation (Super High Performance Diesel Engine Oil). The SAE 15W-40 year-round range of viscosities preferred by engine manufacturers is given thanks to the use of selected synthetic components and mineral base oils. SAE 15W cold viscosity ensures safer cold starts at very low outside temperatures (reduced wear in cold starting conditions) by ensuring that all vehicle components are sufficiently lubricated.

### Specifications

- SAE Grade 15W-40
- ACEA E9
- API CJ-4/SN

### Approvals

- Volvo VDS-4
- Renault VI RLD-3
- Mack EO-O Premium Plus
- MAN M 3575

### Approved under a different title / recommended for

- MB-Sheet 228.31
- Caterpillar ECF-1a, ECF-2 und ECF-3
- Deutz DQC III-10 LA
- Detroit Diesel 93K218
- Cummins CES 20081
- John Deere JDQ 78X
- MTU DDC BR 2000/4000
- MTU MTL 5044Type 2.1 (except BR 8000, 4000-04, 1800, 1600, 956 TB 31/32/33)

### Data

	Test method	Unit	Value
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0,875
Dyn. Viscosity at -25°C	ASTM D 5293	mPa s	6.300
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm <sup>2</sup> /s	108
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm <sup>2</sup> /s	14,37
Viscosity Index (VI)	DIN ISO 2909		135
Flash point COC	DIN ISO 2592	°C	240
Pourpoint	DIN ISO 3016	°C	-39
Total base number	DIN ISO 3771	mgKOH/g	8,0
Sulphated ash	DIN 51 575	g/100g	0,98

Updated in August 2016

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981