

## Mabanol Argon Truck Blue Plus 5W-30

Fully Synthetic High Performance Low Friction Engine Oil  
for Heavy-Duty Services (USHPD)

### Application

Mabanol Argon Truck Blue Plus 5W-30 is a fully synthetic low-friction engine oil for heavy-duty vehicles suitable for year-round use. The product meets the latest emissions standards Euro V and VI and covers the latest requirements and longest oil change intervals of automakers such as Mercedes-Benz, Volvo and MAN.

### Properties

Mabanol Argon Truck Blue Plus 5W-30 is a fully synthetic USHPD engine oil designed for use in commercial vehicles with or without diesel particulate filter. The Low SAPS-attributes (reduced sulphated ash, phosphorus and sulphur content) contribute considerably to bringing down engine friction and wear. Hence the formulation of Argon Truck Blue Plus 5W-30 also plays a significant part in terms of improved fuel economy and reduced emissions even under severe operating conditions.

### Specifications

- SAE Grade 5W-30
- ACEA E6/E7/E9
- API CJ-4/SN
- Jaso DH-2

### Approvals

- MB-Approval 228.51/228.31
- MAN M 3677/M 3477
- Volvo VDS-4
- Mack EO-O Premium Plus
- Renault VI RLD-3

### Approved under a different title / recommended for

- MAN M 3271-1
- MB-Sheet 235.28
- Deutz DQC IV-10 LA
- Volvo CNG
- MAN M 3271-1
- MTU MTL 5044 Typ 3.1
- Caterpillar ECF-3/ECF-2/ECF-1a
- Cummins CES 20081
- Renault VI RLD-2/RXD/RGD
- Volvo VDS-3 (STD 417-0002)
- Mack EO-N/EO-M Plus
- Scania Low Ash
- Voith Retarder Type B

### Data

	Test method	Unit	Value
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0,855
Dyn. Viscosity at -30°C	ASTM D 5293	mPa s	6.170
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm <sup>2</sup> /s	67,9
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm <sup>2</sup> /s	11,5
Viscosity Index (VI)	DIN ISO 2909		164
Flash point COC	DIN ISO 2592	°C	232
Pourpoint	DIN ISO 3016	°C	-48
Total base number	DIN ISO 3771	mgKOH/g	10
Sulphated ash	DIN 51 575	g/100g	0,95

Updated in December 2016

The above values may vary within the commercial limits.

Customs Tariff No.: 3403 1980