



# **POWER OIL Turbo ultra LA 5W-30**

## **HC-Synthetic high-performance low-friction engine oil**

### **Properties**

**Power Oil Turbo ultra LA** is a HC-synthetic high-performance low-friction engine oil for commercial vehicles. The oil is a low-SAPS product with significantly reduced sulphated ash, phosphorus and sulphur content. Thanks to the use of high-performance additives, the oil offers excellent oxidation and high-temperature stability. The good dispersing properties of the product prevent deposits in the engine and on pistons that could otherwise impair the performance of the engine. At very low ambient temperatures, Alpine Turbo ultra LA guarantees reliable cold start and fast oil supply to all lube points. It is able to cope with all extreme conditions and to reduce friction loss and wear. It also improves the efficiency of engines as both oil and fuel consumption is reduced and the service life of the engine is prolonged.

### **Use instructions**

**Power Oil Turbo ultra LA** has been specially developed for the economic supply of emission-optimised engines with exhaust gas aftertreatment systems (Euro IV and V). The product is also recommended for use in CNG engines.

**Power Oil Turbo ultra LA** is designed for year-round use under any operating conditions and ensures that exhaust gas aftertreatment systems can work efficiently over significantly prolonged oil change intervals.

### **Performance data**

**Specifications:** ACEA E6/E7/E9 • API CJ-4/SN • JASO DH-2

**Recommendations\*:** MB 228.51/228.31  
MAN M 3477/M 3271-1/M3677  
Volvo VDS-4 (STD 417-0001)/  
VDS-3 (STD 417-0002)/CNG; Iveco  
Renault VI RLD-3/RLD-2/RXD/RGD  
Deutz DQC IV-10 LA; DAF, Voith Retarder Class B;  
Detroit Diesel DDC 93K21; MTU MTL 5044 Typ 3.1  
Mack EO-O Premium Plus/EO-N/EO-M Plus  
Caterpillar ECF-3; Cummins CES 20081

<b>TYPICAL VALUES</b>	<b>METHOD</b>	<b>UNIT</b>	<b>Power Oil Turbo ultra LA</b>
SAE class	DIN 51 511	-	5W- 30
Density at 15°C	DIN 51 757	g/cm <sup>3</sup>	0,855
Viscosity at – 30°C (CCS)	DIN 51 377	mPa s	6.170
Viscosity at 40°C	DIN 51 562	mm <sup>2</sup> /s	67,9
Viscosity at 100°C	DIN 51 562	mm <sup>2</sup> /s	11,5
Viscosity index (VI)	DIN ISO 2909	-	164
COC flash point	DIN ISO 2592	°C	232
Pour point	DIN ISO 3016	°C	- 48
Total base number	DIN ISO 3771	mgKOH/g	10
Sulphated ash	DIN 51 575	g/100 g	0,95

\* meets the requirements of the OEM manufacturer  
The above values may vary within commercially accepted tolerances

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