



**Motorenöle**

*Motor oils*

**Getriebeöle**

*Gear oils*

**Zweitaktöle und  
Traktorenöle**

*Two-stroke oils and  
tractor oils*

**Hydrauliköle**

*Hydraulic oils*

**Industrie- und  
Spezialschmierstoffe**

*Industrial and  
specialty lubricants*

## PENNASOL TURBO SUPER SAE 15W-40

**PENNASOL TURBO SUPER SAE 15W-40** is a powerful SHPD-engine oil for prolonged oil change intervals. It can be used for Diesel engines and gasoline engines. It complies with the high requirements of modern fuel economy engines to fulfill the stringent emission standards of the EU (Euro III). **PENNASOL TURBO SUPER SAE 15W-40** is universally used for year-round supply in mixed fleets.

### **ACEA-/API-specifications:**

ACEA E7  
ACEA A3/B4  
ACEA A3/B3  
API CI-4  
API CF (obsolete)  
API SL

### **OEM-approvals:**

MB-Freigabe 228.3  
MB-Freigabe 229.1  
Deutz DQC III-10  
MAN M 3275-1  
MTU Type 2  
Volvo VDS-3  
Renault RLD-2  
Mack-EO-N



Original MB-approval  
BEAM / BEVO

### **Meets/suitable for use:**

(Meets requirements for product approval, but there is no specific product approval notified)

JASO DH-1  
Global DHD-1  
Allison C4  
Caterpillar ECF 2, ECF 1a  
Cummins CES 20076, 20077, 20078  
Detroit Diesel DDC 93K215  
Mack-EO-M Plus

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			<b>PENNASOL TURBO SUPER</b>
Parameter	Unit	Testing method	<b>SAE 15W-40</b>
Density 15°C	kg/m <sup>3</sup>	DIN EN ISO 12185	863
Flash point COC	°C	DIN ISO 2592	min. 200
Pour point	°C	DIN ISO 3016	- 33
Viscosity 40°C	mm <sup>2</sup> /s	DIN 51562-1	101
Viscosity 100°C	mm <sup>2</sup> /s	DIN 51562-1	14.2
VI		DIN ISO 2909	144

04/2017

Version 7

The given data are typical data. Please observe operating prescriptions.

### Available packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4 * 5 Liter	12 * 1 Liter	Notes:
PENNASOL TURBO SUPER SAE 15W-40	•	•	•	•	•	•		

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<sup>1</sup> This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either AVISTA OIL Group or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale.