



**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 PERFORMANCE TRUCK SAE 10W-40**

**PENNASOL PERFORMANCE TRUCK SAE 10W-40** is a UHPD fuel economy motor oil which can be used all year round in heavy duty commercial vehicles, normally aspirated or turbocharged, diesel engines and gasoline passenger car engines. Base oils and modern additives guarantee very long oil change intervals and wear protection.

**PENNASOL PERFORMANCE TRUCK SAE 10W-40** decreases operating costs due to reduction of oil and fuel consumption. The fast supply of lubricant to all critical areas during the warm-up period is essential for wear reduction. Selected additives provide extreme engine cleanliness even during stop-and-go usage. Oil change intervals up to 100.000 km are possible, depending on the OEM's service instructions.

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

ACEA E7

ACEA E4

API CI-4

### **OEM-Approvals:**

Volvo VDS-3

Mack EO-N

Renault RLD-2

Scania LDF-2

MAN M 3277

Deutz DQC III-10

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

(Meets the requirements of the OEM-Approval. An approval by name from the manufacturer is not present.)

Mack EO-M Plus

MB 228.5

MTU Type 3

Renault RXD

Cummins CES 20077/78

DAF Extended Drain



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### Typical characteristics PENNASOL PERFORMANCE TRUCK SAE 10W-40:

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

Parameter	Method	Unit	
<b>SAE class</b>	SAE J 300		SAE 10W-40
<b>Density 15 °C</b>	DIN EN ISO 12185	g/cm <sup>3</sup>	0.862 – 0.872
<b>Kin. viscosity @ 40 °C</b>	DIN 51562 -1	mm <sup>2</sup> /s	97.0
<b>Kin. viscosity @ 100 °C</b>	DIN 51562-1	mm <sup>2</sup> /s	14.0 – 15.0
<b>Viscosity index</b>	DIN ISO 2909		min. 155
<b>Total Base Number</b>	DIN ISO 3771	mg KOH/g	12.5 – 14.0
<b>Dyn. viscosity @ -25°C</b>	DIN 51377	mPa*s	max. 7,000
<b>Flash point COC</b>	DIN ISO 2592	°C	min. 210
<b>Pour Point</b>	DIN ISO 3016	°C	max. -33

### Available Packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
<i>PENNASOL PERFORMANCE TRUCK SAE 10W-40</i>	•	•	•	•	•			

<sup>1</sup>Version 7 – 07/2018

<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 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.