



**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 POWER TRUCK ULTRA FE SAE 5W-30**

**PENNASOL POWER TRUCK ULTRA FE SAE 5W-30** is a TOP-TIER-HDDEO specially designed for on-road vehicles meeting Euro VI emission norms as well as for off-road vehicles meeting Euro IV stage emission norms. During the development, great value was set on fuel economy.

**PENNASOL POWER TRUCK ULTRA FE SAE 5W-30** gives the highest level of performance including a broad claim and application coverage (on-road/off-road/mixed fleet). It shows improved engine durability and helps to reduce total costs of ownership.

### **Application advantages of PENNASOL POWER TRUCK ULTRA FE SAE 5W-30:**

- Excellent wear and oxidation protection
- Outstanding fuel economy
- Optimum viscosity-temperature behaviour
- Safe lubricity at low temperatures
- Stable lubricating film under extreme loads

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

API FA-4

API SN

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

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

Cummins CES 20087

Detroit Diesel DDC 93K223

JASO DH-2 (in progress)

JASO DH-2F (in progress)

MB 228.61



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### Typical characteristics PENNASOL POWER TRUCK ULTRA FE SAE 5W-30:

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

Parameter	Method	Unit	
<b>SAE class</b>	SAE J 300		SAE 5W-30
<b>Density 15 °C</b>	DIN EN ISO 12185	g/cm <sup>3</sup>	0.848 – 0.858
<b>Kin. viscosity @ 40 °C</b>	DIN 51562 -1	mm <sup>2</sup> /s	59.3
<b>Kin. viscosity @ 100 °C</b>	DIN 51562-1	mm <sup>2</sup> /s	9.5 – 10.1
<b>Viscosity index</b>	DIN ISO 2909		min. 150
<b>Total Base Number</b>	DIN ISO 3771	mg KOH/g	8.0 – 9.6
<b>Dyn. viscosity @ -30°C</b>	DIN 51377	mPa*s	max. 6.600
<b>Flash point COC</b>	DIN ISO 2592	°C	min. 200
<b>Pour Point</b>	DIN ISO 3016	°C	max. -39

### Available Packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
<i>PENNASOL POWER TRUCK ULTRA FE SAE 5W-30:</i>	•	•	•	•	•			

<sup>1</sup>Version 1 – 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.