



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 PREMIUM SAE 5W-30

PENNASOL POWER TRUCK PREMIUM SAE 5W-30 is an ultra-high-performance engine oil for use in different diesel engines based HC-/PAO-technology. It is designed for vehicles, where the specification ACEA E9 is prescribed, as well as for Volvo trucks with extended oil drain interval, modern exhaust after-treatment systems and turbochargers. This product is excellent for use in Euro 4, Euro 5 and Euro 6 engines in combination with low-sulfur diesel fuel (manufacturer's instructions must be observed).

PENNASOL POWER TRUCK PREMIUM SAE 5W-30 belongs to the "MID-/LOW SAPS" lubricants and offers excellent cold start characteristics and outstanding aging stability.

Other advantages:

- Latest "MID-/LOW-SAPS" additive technology
- Fuel economy
- High protection against wear
- Low tendency to sludge and particle formation
- Best protection against corrosion and foaming tendency
- Positive effect to the life of particulate filters

ACEA/API-specifications:

ACEA E4

ACEA E7

ACEA E6

ACEA E9

API CJ-4

Meets/suitable for use:

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

Caterpillar ECF-3 (ECF-2, ECF-1-a)

Cummins CES 20081

Detroit Diesel DDC 93K218

Deutz DQC IV-10 LA

MACK EO-O PP

MAN M 3477, M 3575, M 3271-1

MAN M 3677, M 3691

MB 228.51 (228.31)

MTU Type 3.1 (2.1)

Scania Low Ash

Renault RLD-3

Volvo VDS-4

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Technical characteristics PENNASOL POWER TRUCK PREMIUM SAE 5W-30:

Parameter	Testing Methods	Units	
Density 15 °C	DIN EN ISO 12185	g/cm ³	0.861
Kin. Viscosity @ 40 °C	DIN 51562 -1	mm ² /s	74.0
Kin. Viscosity @ 100 °C	DIN 51562-1	mm ² /s	12.3
Viscosity Index	DIN ISO 2909		165
Total Base Number	DIN ISO 3771	mg KO/g	13.1
Sulphated Ash	DIN 51 575	%	≤ 1.0
Dyn. Viscosity @ - 30 °C	DIN 51 377	mPa*s	≤ 6,600
Pour Point	DIN ISO 3016	°C	-42
Flash Point	DIN ISO 2592	°C	> 200

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 POWER TRUCK PREMIUM SAE 5W-30	•	•	•	•	•			

¹Version 2 – 07/2017

¹ 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.