



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 LONGLIFE IV SAE 0W-20

**PENNASOL LONGLIFE IV SAE 0W-20** is a fully synthetic lubricant for the latest generation of Volkswagen Group engines. It is especially designed for the newest engines:

- 2.0 TFSI / TSI 140 KW and
- 3.0 TDI CR 160 KW.

The combination of the newest viscosity modifier technology and detergent inhibitor system (salicylate based) guarantees fuel efficiency and outstanding engine protection. **PENNASOL LONGLIFE IV SAE 0W-20** is characterized by its excellent cold start, wear protection and engine cleaning properties.

**PENNASOL LONGLIFE IV SAE 0W-20** is suitable for extended drain applications (longlife performance). Due to the low viscosity SAE grade 0W-20 noticeable fuel savings and CO<sub>2</sub> emission reductions can be achieved.

**Attention: PENNASOL LONGLIFE IV SAE 0W-20 may not be filled in vehicles requiring VW norm 504 00 / 507 00.**

### ACEA-/API-specifications:

ACEA A1/B1

### OEM-Approvals:

VW 508 00 / 509 00

### Meets/suitable for use:

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

Porsche C20



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## Typical characteristics PENNASOL LONGLIFE IV SAE 0W-20:

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

Parameter	Method	Unit	
<b>SAE class</b>	SAE J 300	g/cm <sup>3</sup>	SAE 0W-20
<b>Appearance</b>	Inhouse method		Green
<b>Density 15 °C</b>	DIN EN ISO 12185		0.831 – 0.841
<b>Kin. viscosity @ 40 °C</b>	DIN 51562 -1	mm <sup>2</sup> /s	41.3
<b>Kin. viscosity @ 100 °C</b>	DIN 51562-1	mm <sup>2</sup> /s	8.21
<b>Viscosity index</b>	DIN ISO 2909		178
<b>Total Base Number</b>	DIN ISO 3771	mg KOH/g	8.3
<b>Dyn. viscosity @ -35°C</b>	DIN 51377	mPa*s	max. 6.200
<b>Flash point COC</b>	DIN ISO 2592	°C	min. 220
<b>Pour Point</b>	DIN ISO 3016	°C	max. -60

## Available Packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
PENNASOL LONGLIFE IV SAE 0W-20	•	•	•		•	•		•

<sup>1</sup>Version 3 – 01/2018

<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.