



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 MID SAPS SAE 5W-30

PENNASOL MID SAPS SAE 5W-30 is a low-friction type of engine oil based on HC-synthetic-technology base oil (group III). The excellent characteristics of this high performance engine oil are perfectly adjusted to today's toughest application conditions and the prolonged oil change intervals. This product with its excellent viscosity and extreme shear stability is ideal for mostly all vehicle models. Being a genuine low-friction oil, it also helps to save costs.

PENNASOL MID SAPS SAE 5W-30 is suitable to be used for petrol and diesel engines with exhaust treatment systems to meet the Euro IV exhaust emission standard. **PENNASOL MID SAPS SAE 5W-30** guarantees the effectiveness of the exhaust treatment system even for long operating periods.

Other advantages:

- Multifunctional use in petrol and diesel engines from different manufacturers
- High fuel efficiency (fuel economy)
- Excellent wear protection
- Significant reduction of deposits
- Lubricating film stability even at high operating temperatures
- Very good protection against corrosion and foaming
- Excellent cold starting properties

ACEA-/API-specifications:

ACEA C3

API SN

API CF (obsolete)

OEM-Approvals:

MB-Approval 229.52

MB-Approval 229.51

Meets/suitable for use:

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

BMW Longlife-04

Dexos 2

Renault RN 0700/0710





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Typical characteristics PENNASOL MID SAPS SAE 5W-30:

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

Parameter	Method	Unit	
SAE class	SAE J 300		5W-30
Density 15 °C	DIN EN ISO 12185	g/cm ³	0.847 – 0.857
Kin. viscosity @ 40 °C	DIN 51562 -1	mm ² /s	72.9
Kin. viscosity @ 100 °C	DIN 51562-1	mm ² /s	12.3
Viscosity index	DIN ISO 2909		168
Total Base Number	DIN ISO 3771	mg KOH/g	8.1
Dyn. viscosity @ -25°C	DIN 51377	mPa*s	5,900
Flash point COC	DIN ISO 2592	°C	min. 220
Pour Point	DIN ISO 3016	°C	-33

Available Packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
<i>PENNASOL MID SAPS SAE 5W-30</i>	•	•	•	•	•	•		•

¹Version 4 – 10/2017

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