



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 LIGHTRUN 2000

PENNASOL LIGHTRUN 2000 is a fuel economy motor oil which can be used all year round in many types of passenger car gasoline or diesel engines or heavy duty commercial vehicles with normally aspirated or turbocharged diesel engines.

PENNASOL LIGHTRUN 2000 contains synthetic base oils and modern additives. It guarantees very long drain intervals and high wear protection with low oil and fuel consumption.

ACEA-/API-specifications:

ACEA A3/B3

ACEA A3/B4

ACEA E7

API CI-4

API SL

OEM-Approvals:

MB-Freigabe 228.3

MB-Freigabe 229.1

MAN 3275-1



Meets/suitable for use:

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

Cummins CES 20077/78

Detroit Diesel DDC 93K215

Deutz DQC III-10

Mack-EO-N

MTU Type 2

Renault RLD-2

Volvo VDS-3

Voith A

Allison C4 (level)

Global DHD-1

JASO DH-1



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Typical characteristics PENNASOL LIGHTRUN 2000:

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

Parameter	Method	Unit	
SAE class	SAE J 300	g/cm ³	10W-40
Density 15 °C	DIN EN ISO 12185		0.868
Kin. viscosity @ 40 °C	DIN 51562 -1	mm ² /s	94.2
Kin. viscosity @ 100 °C	DIN 51562-1	mm ² /s	14.7
Viscosity index	DIN ISO 2909		163
Total Base Number	DIN ISO 3771	mg KOH/g	10.0 – 12.0
Dyn. viscosity @ -25°C	DIN 51377	mPa*s	max. 7,000
Flash point COC	DIN ISO 2592	°C	min. 210
Pour Point	DIN ISO 3016	°C	-36

Available Packaging:

	Bulk	965 Liter	208 Liter	60 Liter	20 Liter	4*5 Liter	4*4 Liter	12*1 Liter
PENNASOL LIGHTRUN 2000	•	•	•	•	•	•		

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