



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 SPECIAL GEAR OIL TO-4 SAE 10W

PENNASOL SPECIAL GEAR OIL TO-4 SAE 10W is a special gear oil designed to meet the highest demands for state-of-the-art dears of tractors and building machinery.

PENNASOL SPECIAL GEAR OIL TO-4 SAE 10W is formulated not only for use in Caterpillar power shift transmissions, but also in other gears, such as motorized wheel drives, final drives, drive trains, wet brakes and clutches. Suitable for all caterpillar units in which high shearing forces, friction and pressure values occur.

ACEA-/API-specifications:

API CF-2 (obsolete)

Meets/suitable for use:

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

Allison C4 "Offroad" (level)

Komatsu KES 07.868.1

Euclid

Vickers M-2950-S

Caterpillar TO-4 (level)

"where TO-4 is called for:"

Tremac / TTC

Dana

Eaton Fuller

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			PENNASOL SPECIAL GEAR OIL TO-4
Parameter	Unit	Testing method	SAE 10W
Density 15°C	kg/m ³	DIN EN ISO 12185	869
Flash point COC	°C	DIN ISO 2592	234
Pour point	°C	DIN ISO 3016	- 33
Viscosity 40°C	mm ² /s	DIN 51562-1	38,8
Viscosity 100°C	mm ² /s	DIN 51562-1	6.5
VI		DIN ISO 2909	117

01/2017

Version 5

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 SPECIAL GEAR OIL TO-4 SAE 10W	•	•	•	•	•			

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