



**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 MULTIPURPOSE GEAR OIL GL 4 SAE 90

**PENNASOL MULTIPURPOSE GEAR OIL GL 4 SAE 90** contains high quality, carefully refined base oils, blended with a balanced combination of additives. This guarantees a high load-bearing capacity, wear protection and high oxidation stability. Above average viscosity-temperature behaviour, a low pour point and - last but not least – suppression of the tendency to form foam make it possible to use it under a variety of operating conditions.

**PENNASOL MULTIPURPOSE GEAR OIL GL 4 SAE 90** is suitable for lubricating manual transmissions, differentials and steering boxes in motor cars where manufacturers prescribe EP gear oils

#### **ACEA/API-specifications:**

API GL 4

#### **OEM-Approvals:**

ZF TE-ML 16A, 17A, 19A (ZF000679)

MAN 341 Typ E1 (recommendation list)

MAN 341 Typ E2 (recommendation list)

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			<b>PENNASOL MULTIPRUPOSE GEAR OIL GL 4</b>	
Parameter	Unit	Testing method	<b>SAE 90</b>	
Density 15°C	kg/m <sup>3</sup>	DIN EN ISO 12185	893	
Flash point COC	°C	DIN ISO 2592	225	
Pour point	°C	DIN ISO 3016	- 27	
Viscosity 40°C	mm <sup>2</sup> /s	DIN 51562-1	180	
Viscosity 100°C	mm <sup>2</sup> /s	DIN 51562-1	17.1	
VI		DIN ISO 2909	105	

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Version 6

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 MULTIPRUPOSE GEAR OIL GL 4 SAE 90	•	•	•	•	•			

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<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 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.