

# PENNASOL LIMITED SLIP HYPOID GEAR OIL LS SAE 90

**PENNASOL LIMITED SLIP HYPOID GEAR OIL LS SAE 90** is a product that meets the extreme requirements of limited slip differentials. The gear oil provides good lubrication and suppresses slide and slip by special limited slip additives. It protects highly offset hypoid gears efficiently under all load conditions.

## ACEA/API-specifications:

API GL 5

## OEM-approvals:

ZF TE-ML 05C, 12C, 16E, 21C (ZF000844)

|                 |                    |                  | <b>PENNASOL<br/>LIMITED SLIP HYPOID GEAR OIL LS</b> |
|-----------------|--------------------|------------------|---|
| Parameter       | Unit               | Testing method   | <b>SAE 90</b>                                       |
| Density 15°C    | kg/m <sup>3</sup>  | DIN EN ISO 12185 | 897   |
| Flash point COC | °C                 | DIN ISO 2592     | 222   |
| Pour point      | °C                 | DIN ISO 3016     | - 24  |
| Viscosity 40°C  | mm <sup>2</sup> /s | DIN 51562-1      | 182,3   |
| Viscosity 100°C | mm <sup>2</sup> /s | DIN 51562-1      | 17,4  |
| VI              |                    | DIN ISO 2909     | 104   |

01/2016

Version 4

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



**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*

**Available packaging:**

|   | Bulk | 965<br>Liter | 208<br>Liter | 60<br>Liter | 20<br>Liter | 4 * 5<br>Liter | 12 * 1<br>Liter | Notes: |
|---|------|--------------|--------------|-------------|-------------|----------------|-----------------|--------|
| PENNASOL<br>LIMITED SLIP HYPOID<br>GEAR OIL LS SAE 90 | •    | •            | •            | •           | •           |                |                 |        |

1

<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.