

GALP TRANSOIL HP LS (90, 80W-90, 85W-140)

High-performance mineral, EP (Extreme Pressure) lubricant, specifically designed for use with automotive vehicle limited-slip differentials.

Recommended for applications requiring the API GL-5 performance level, such as differentials, axles and final drives of heavy vehicles, which are subject to severe conditions of use, such as high temperatures, shock loads and extreme pressures.

PROPERTIES

- Resistance to high loads, particularly in hypoid differentials under severe service.
- The use of a friction modifier suppresses noise and vibrations that can occur in limited slip differentials as well as effective slip control.
- Protection against wear, rust and corrosion.
- Excellent stability in service, resisting ageing and maintaining EP characteristics for long periods.
- Low tendency to foam.
- Excellent thermal stability.

SPECIFICATIONS/APPROVALS

SAE Grade	90	80W-90	85W-140
API GL-5	✓	✓	✓
DAF (GL-5 lubricant)	✓	✓	✓
MAN 342 M1	✓	✓	✓
MIL L-2105 D	✓	✓	✓
MB 235.0	✓	✓	✓
RENAULT (GL-5 lubricant)	✓	✓	✓
VOLVO 97310	✓	✓	✓
ZF TE-ML 07A, 08	✓	✓	✓
ZF TE-ML 05C, 12C, 16E, 21C	ZF003410	✓	✓

The values shown are for guidance and do not constitute a specification. This information may include minor variations that do not affect the product's performance. The information in this file is of a general nature and no guarantee is given if the products are used incorrectly or the information is out of date. To get a copy of the Safety Data Sheet for this product, please contact GALP's Customer Services Centre: export@galp.com.

MAIN CHARACTERISTICS

TESTS	METHODS	RESULTS		
SAE Grade	SAE J306	90	80W-90	85W-140
Density at 15°C, kg / l	ASTM D1298/ D4052	0,906	0,902	0,912
Viscosity index	ASTM D2270	96	99	98
Kinematic viscosity at 40°C, mm ² /s	ASTM D445/ D7042	204	140	373
Kinematic viscosity at 100°C, mm ² /s	ASTM D445/ D7042	17,9	14,2	27,2
Pour point, °C	ASTM D97/ D6892	-21	-30	-21
Flash point, °C	ASTM D92	219	213	210

PACKAGING



IBC 1000L
(only SAE grade 85W-140)



DRUM 205L



PAIL 20L

The values shown are for guidance and do not constitute a specification. This information may include minor variations that do not affect the product's performance. The information in this file is of a general nature and no guarantee is given if the products are used incorrectly or the information is out of date. To get a copy of the Safety Data Sheet for this product, please contact GALP's Customer Services Centre: export@galp.com.

GALP | R. Tomás da Fonseca, Torre C, 1600-209, Lisboa, Portugal
galp.com