

PENTA LS

SAE 75W/90 GL-5

Fully synthetic gear oil with LS additive for axles with self-locking differential.

Description

GEAR OILS PENTA LS SAE 75W/90 are fully synthetic, special gear oils with LS (limited slip) additives. The fully synthetic base oil, in combination with perfectly coordinated additives, guarantees extremely flat temperature/viscosity behaviour and maximum shear stability.

Advantages

- very high load-bearing capacity
- high oxidation and shear stability
- optimum viscosity / temperature behaviour
- high temperature and ageing resistance
- excellent anti-foaming behaviour

Field of application

GEAR OILS PENTA LS SAE 75W/90 are perfectly suited to use in axle drives subjected to very high loads, both with and without self-locking. Special LS (limited slip) additives are demanded in the self-locking differentials of various manufacturers.

Notes

Please adhere to the manufacturer's instructions.

Specifications

API GL-5 LS; MIL-L-2105D

Safety + Performance

ZF TE-ML-05C; ZF TE-ML-21C

Technical data

Properties	Unit	Test according to	Values
Colour			yellow
Density at 20 °C	g/cm ³	ASTM D4052	0.872
Viscosity at 40 °C	mm ² /s	DIN 51562-1	82.6
Viscosity at 100 °C	mm ² /s	DIN 51562-1	13.8
Viscosity index		DIN ISO 2909	172
Pourpoint	°C	ASTM D5950	-57
Flash point C.O.C.	°C	DIN EN ISO 2592	>190
Brookfield	°C / mPa·s	ASTM D 2983	-40 / 37575

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.