



GEAR OILS PENTA

SAE 75W/90, 75W/140

Fully synthetic high-performance gear oils. API GL-5.

Description

MOTOREX GEAR OILS PENTA SAE 75W/90 and SAE 75W/140 are fully synthetic high-performance transmission oils. The fully synthetic base fluids enhanced by the specially formulated additives guarantee high thermal stability, optimum viscosity-temperature characteristics and excellent shear stability. Even under unfavourable environmental temperatures and very extreme loading, these powerful formulations always have adequate reserves.

Advantages

- Fully synthetic
- High load-bearing capacity
- Good resistance to ageing
- Excellent anti-foaming behaviour
- Good oxidation and shear stability
- Good air release capability
- Optimum low temperature performance

Field of application

MOTOREX GEAR OILS PENTA SAE 75W/90 and SAE 75W/140 are particularly suitable for use in non-locking rear axles and final drives that have to withstand high loads, which are fitted to the latest high-power passenger cars, trucks and construction machines.

Please check with manufacturers' specifications.

Specifications

SAE 75W/90
API GL-5
Safety + Performance:
ZF TE-ML 05B, 07A, 08, 12B
MB 235.8, MAN 342 S1,
SCANIA STO 1:0, VOLVO 97312

SAE 75W/140
API GL-5
Safety + Performance
ZF TE-ML 05B, 07A, 08, 12B
VOLVO 97312, SCANIA STO 1:0

Technical data

Properties	Unit	Test according to	Values1	Values2
Viscosity class		SAE J 306	75W/90	75W/140
Colour		DIN ISO 2049	yellowish	yellowish
Density at 20 °C	g/ml	ASTM D 4052	0.868	0.877
Viscosity at 40 °C	mm ² /s	DIN 51562-1	93	179
Viscosity at 100 °C	mm ² /s	DIN 51562-1	15.2	25.4
Brookfield -40 °C	mPa·s	ASTM D 2983	41'600	132'000
Viscosity index		DIN ISO 2909	173	176
Pourpoint	°C	ASTM D 5950	-60	-60
Flash point	°C	DIN EN ISO 2592	>200	>200

Water hazard class: WGK 1
Disposal code: EWC 130 206

The above information is subject to change without prior notice, although it is in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available.

