

Product information MEYLE 75W-90 HC LS

Semi-synthetic multi-grade API GL5 gear oil for manual transmissions and rear axles of passenger cars, trucks, buses and SUVs.

Excellently suited for use as rationalization product also for the new generation of 5- and 6-gear manual transmissions and transaxles with and without limited-slip differential. Also recommended for all applications where "limited slip" (LS) features are desired.

MEYLE 75W-90 HC LS is an SAE grade 75W-90 universal ultra-high performance gear oil blended from HC synthesis base oils, POAs and a carefully selected additive package.

Compared to standard gear oils, MEYLE 75W-90 HC LS offers the following advantages:

MEYLE 75W-90 HC LS features extreme thermal stability ensuring reliable film strength even at continuous thermal loads of +160°C.

MEYLE 75W-90 HC LS does not form any unallowable aging products under such extreme stress conditions.

The products meets or exceeds the following specifications:

- API - GL 4/GL 5
SAE 75W / 80W/ 85W / SAE 80W-90 / SAE 90

■ **Benefits:**

- ◆ Excellent wear protection
- ◆ High oxidation stability

- ◆ Good compatibility with non-ferrous metals and seal materials
- ◆ 100 % shear stability, full retention of SAE grade
- ◆ Reduced gear noise even at high oil temperatures due to good film adhesion properties
- ◆ Full fluid lubricant film even at temperatures of – 27°C
- ◆ and hence, superior lubricity even in cold weather, especially during the warmup phase
- ◆ No lubrication failure due to too high or too low an oil viscosity
- ◆ Suitable for all-season service due to its multi-grade feature
- ◆ Suitable for universal use in manual transmissions, hypoid axle differentials, planetary gear sets, side gears, auxiliary gears and steering gearboxes
- ◆ Compatible with all conventional and synthetic brand gear oils.

Typical characteristics:

Characteristics	Density at 15 °C	Viscosity at 40 °C	Viscosity at 100 °C	Viscosity index	Flash point	Pour point
DIN test	51 757	51 377	51 562	ISO 2909	ISO 2592	ISO 3016
Unit	g/ml	mm ² /s	mm ² /s	-	°C	°C
Value	0.857	90	17.2	208	~200	-36

The above data are true and correct to the best of our knowledge and belief and reflect the current state of knowledge and our development effort. All rights to changes reserved! The characteristic data indicated are subject to the repeatability and reproducibility of the given test methods.