

# GEAR SHIFT SAE 90 API GL-4



## Description

**BENZOL®** Gear Shift SAE 90 API GL-4 is a high-performance Gear Oil designed to provide excellent lubrication in a wide range of automotive transmissions, axles, and final drives. It is formulated from high quality paraffinic base stocks and balanced extreme pressure additives to protect gear components in applications where extreme pressures and shock loading are encountered.



## Applications

**BENZOL®** Gear Shift SAE 90 is particularly suitable for all hypoid transmissions and is also suitable for spiral bevel gear, worm wheels and most transaxles.

## Specifications and Approvals

API GL-4; MIL-L-2105; MAN 341, MB 235.10; ZF TE-ML 02, 08, 16, ZF TE-ML 17A, 19A

## Technical Specifications

## Performance Benefits

- Well adhering and pressure resistant lubricating films.
- Good air release characteristics, no foaming
- Anti-wear effect.
- Reduced wear and maintenance costs.
- Excellent viscosity-temperature properties.
- Optimal cold flow property.

## Product/Part Number

GS09020331	4 x 5	GS09020321	4 x 4
GS09020171	12 x 1	GS09020171	24 X 1
GS09020511	1 x 20	GS09020531	1 x 25
GS09020561	1 x 200	GS09020571	1 x 208
GS09020601	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L3.0
Density @ 15 °C, kg/L	D-1298	0.8825
Viscosity @ 100 °C, cSt	D-445	16.40
Viscosity @ 40 °C, cSt	D-445	164.5
Viscosity index	D-2270	105
Flash Point, °C (COC)	D-92	242
Pour Point, °C	D-97	-18
Foam SEQ.I/II/III	D-892	0/0/0

## HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit [www.benzollubricants.de](http://www.benzollubricants.de)

