

GEAR SHIFT SAE 80W90 API GL-5 LS



Description

BENZOL® Gear Shift SAE 80W90 API GL-5 LS is specifically formulated for final drives which utilize limited-slip clutches and friction discs. It is friction-modified to help eliminate the stick-slip chatter associated with low-speed, high-torque operation of limited-slip differentials while turning corners with some passenger cars and light trucks.



Applications

BENZOL® Limited Gear Slip SAE 80W90 is recommended for high performance passenger cars and sports cars frequently running at high speed and is equally suited in a wide range of applications where an EP-type gear oil is specified.

Specifications and Approvals

API GL-5, API MT-1, US Steel 224, SAE J2360, MIL-L-2105D/E, John Deere JDM J11E, Mack Truck GO-J, H, G, DAF MAT 74002, Renault Trucks, Volvo 97310, MB 235.0, SCANIA STO 1:0, Arvin Meritor 0-

Technical Specifications

Performance Benefits

- Good foam resistance.
- Provides good moisture corrosion protection.
- Optimizes frictional characteristics of the limited slip components.
- Extreme pressure lubricant additives for hypoid and heavily loaded gears.
- High load-carrying capacity for protection against scuffing and wear
- High load carrying capacity.
- Excellent thermal durability and extreme-pressure properties for extended gear life.

Product/Part Number

GS10020331	4 x 5	GS10020321	4 x 4
GS10020171	12 x 1	GS10020171	24 X 1
GS10020511	1 x 20	GS10020531	1 x 25
GS10020561	1 x 200	GS10020571	1 x 208
GS10020601	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L3.0
Density @ 15 °C, Kg/L	D-1298	0.8870
Viscosity @ 100 °C, cst	D-445	14.90
Viscosity @ 40 °C, cst	D-445	146.4
Viscosity index	D-2270	102
Flash Point, °C (COC)	D-92	240
Pour Point, °C	D-97	-27
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

