



## GL-5 SAE 80w90

### DESCRIPTION:

**GL-5 SAE 80W90 Gear Oil** is a premium quality multi-purpose gear lubricant which provides superior performance that is obtained through the use of quality base oils and a select extreme pressure additive system. These additives impart anti-weld, anti-scuff and anti-wear properties that are necessary in heavy duty service gear lubricants. **GL-5 SAE 80W90 Gear Oil** provides excellent protection under the most severe conditions encountered in commercial transmissions, axles and final drives. **GL-5 SAE 80W90 Gear Oil** is designed to be used in limited slip differentials.

### FEATURES/BENEFITS:

- Excellent product for use in heavy equipment applications which place higher performance demands on the drive train lubricants
- For use in limited slip differentials
- Exceptional reliability in today's drive train applications as well as in the older models
- Provides high thermal stability as well as oxidation resistance
- Protects against low speed/ high torque wear
- Excellent fluidity in low temperatures which reduces wear during start up
- Improved lubrication and extended seal life due to good foam control

### APPLICATIONS:

**GL-5 SAE 80W90 Gear Oil** is recommended for all on-highway heavy and light duty trucks, vans and busses requiring API GL-5 and/or MT-1 type fluids. **GL-5 SAE 80W90 Gear Oil** is also recommended for off-highway applications such as construction, mining, agriculture, and quarrying which require these type fluids. **GL-5 SAE 80W90 Gear Oil** is intended for use in limited slip applications as well.

### Meets Performance Requirements:

AGMA 250.04	MAN M 3343 Type M
AGMA 9005-E02	MB 235.0, 235.1, 235.5, 235.6, 235.8
AIST 224	MIL-PRF-2105D
API GL-4	MIL-PRF-2105E
API GL-5	PG-2 Limited Slip
API MT-1	Mercedes Benz 235.20
Arvin Meritor axles	NATO O-226
Arvin Meritor 0-76-A/B/D/M/N/P/Q	Renault (GL-5)
Cincinnati Milacron	SAE J-2360
DAF (GL-5 axle lubricants)	Scania: STO 1:0, 2:0A
David Brown S1.53.101(E)	U.S. Steel 224
DIN 51517, Part 3	Volvo 97310
Eaton	Volvo 1273.10
Ford WSP-M2C197-A	ZF TE-ML 02A/B, 05A/B/C4, 07A, 08,
IVECO (J-2360)	12A/B/C4/E, 16A/B/C/D/E4/F, 17A/B,
F-56	



KOMATSU KES 07.861  
MACK GO-J  
MAN 341 Z-1

19A/B/C, 21A/B  
MAN 342 Type M1, M2, M3

\* ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

#### TYPICAL TEST DATA

SAE GRADE	80W90
Specific Gravity @ 60 °F	0.8840
Viscosity, Kinematic cSt at 40°C	139.3
cSt at 100°C	15.0
Viscosity Index	109
Viscosity, Brookfield cP at -26°C Max	150,000
Flash Point, °F	407
Pour Point, °C (°F)	-30 (-22)
Color	<3.5

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.