



## **GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT**

### **Sure Protection For Vehicles Under A Broad Range Of Conditions**

#### **PRODUCT DESCRIPTION**

PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT, formerly known as Multi-purpose 4096 80W-90, exceeds the latest requirements of gear manufacturers requiring API GL-5 lubricants. It is recommended for use in limited slip and conventional differentials of cars, pick up trucks and sports utility vehicles. It is designed to reduce or eliminate “chatter” that can sometimes occur in limited slip differentials. High-speed shock loads, higher torque requirements for extended periods of time and high operating temperatures call for heavy-duty quality lubricants of this caliber.

PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT is fortified with extreme pressure additives for tough protection under severe operating conditions. It contains rust and corrosion inhibitors to protect against the effects of moisture from condensation. Effective foam inhibitors prevent foaming and aeration that can lead to premature wear. PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT is a fully balanced, robust formulation for optimum axles and transmission protection.

PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 gives the full protection of SAE 90 under high temperatures and hard driving conditions, while still providing the fast flow characteristics of SAE 80W when cold. This offers maximum lubrication and gear protection over a wide temperature range.

#### **APPLICATION**

PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 is recommended for use in hypoid or spiral bevel gear differentials and manual transmissions where an API Service GL-5 lubricant and an SAE 80W, 90 or 80W-90 viscosity grade is specified. In addition, PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 is fully formulated for all limited slip differentials. It may be used as a makeup or refill fluid, even for rebuilt limited slip units and is designed for all high performance hypoid axles of cars, pick up trucks, sports utility vehicles as well as sports, police and racing cars. It is also recommended for conventional differentials.

#### **BENEFITS**

- Exceeds requirements of API GL-5
- Outstanding gear and bearing protection
- Suitable for all limited slip applications
- Combats rust and corrosion
- Inhibits oil oxidation
- Provides outstanding anti-foam protection
- Compatible with other gear oils under a wide range of operating and storage conditions
- 

#### **SPECIFICATION AND APPROVALS**

- API GL-5, Limited Slip
- MIL-L-2105-D
- MACK GO-H
- Rockwell/Eaton

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**  
**PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT**

<b>TEST</b>	<b>METHOD</b>	<b>TYPICAL RESULTS</b>
SAE Grade		80W-90
API Service		GL-5
Gravity, °API	ASTM D-287	26
Viscosity		
@ 40°C, cSt	ASTM D-2161 & D-445	150
@ 100°C, cSt		14.5
@ 100°F, SUS		700
@ 210°F, SUS		76
Viscosity Index		95
Brookfield Viscosity	ASTM D-2983	
@ 150,000 cP, °-26C(°-15F)		<130,000
Pour Point, °C(°F)	ASTM D-97	-26(-15)
Flash Point, °C(°F)	ASTM D-92	204(400)
Color, ASTM	ASTM D-1500	5
Timken OK Load, lbs.	ASTM D-2782	70
Material Number		
12/1 Quart		4963
35 Pound Plastic Pail		4964
120 Pound Drum		4965
400 Pound Drum		4966