

PENNZOIL GEARPLUS® SAE 80W-90 GEAR LUBRICANT

Sure Protection For Vehicles Under A Broad Range Of Conditions

PRODUCT DESCRIPTIONS

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 differential. High-speed chock loads, higher torque requirements for extended period of time, and high operation temperature call for heavy-duty quality lubricants of this caliber. **PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT** is compounded with the new sulfur-phosphorus additive technology to provide the latest in “Clean Gear” performance as specified in the recent industry standards.

PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT gives the full protection of SAE 90 under high temperature 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 GEAR LUBRICANT is recommended for use in hypoid or spiral bevel gear differentials and industrial gear units where API Service GL-5, SAE 80W, 90 or 80W-90 is specified. In addition, **PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT** 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 and sports utility vehicles as well as sports, police and racing cars. It is also recommended for conventional differentials of these types of vehicles. **NOTE:** The addition of supplemental friction modifiers is not required and should be discouraged as they may detract from the performance of **PENNZOIL® GEARPLUS® SAE 80W-90 GL-5 GEAR LUBRICANT**

BENEFITS

- Combat rust, corrosion and wear
- Provides “Clean Gear” performance through the use of latest sulfur-phosphorus chemistry
- Inhibits oil oxidation
- Provides outstanding anti-foam protection
- Remains compatible with other gear oil under a wide range of operating and storage conditions
- USDA H-2 listed

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

TEST	METHOD	TYPICAL RESULTS
SAE Viscosity Grade		80W-90
API Service		GL-5
Gravity, API	ASTM D-287	26.0
Flash Point (COC) °C (°F)	ASTM D-92	204(400)
Pour Point °C (°F)	ASTM D-97	-26(-15)
Viscosity		
@ 40°C cSt	ASTM D-2161 & D-445	150
@ 100°C cSt	ASTM D-2161 & D-445	14.5
@ 100°F SUS	ASTM D-2161 & D-445	700
@ 210°F SUS	ASTM D-2161 & D-445	76
Viscosity Index	ASTM D-2270	95
Brookfield Viscosity	ASTM D-2983	<130,000
@ 150,000cP, -26 °C (-15°F)		
Color, ASTM	ASTM D-1500	5
Timken EP Test, OK load, lbs	ASTM D-2782	70