



## **GEARPLUS<sup>®</sup> SAE 80W-90 GL-4**

### **A Specialty Gear Oil For Applications Requiring GL-4 Performance**

#### **PRODUCT DESCRIPTION**

PENNZOIL<sup>®</sup> GEARPLUS<sup>®</sup> SAE 80W-90 GL-4 GEAR LUBRICANT is specially formulated to meet the unique requirements of API GL-4 service in manual transmissions and transaxles of passenger cars, light trucks and SUV's. PENNZOIL<sup>®</sup> GEARPLUS<sup>®</sup> SAE 80W-90 GL-4 GEAR LUBRICANT is blended from select base stocks and additives that yield a lubricant of exacting quality. This product is compounded utilizing specialized extreme pressure chemistry that provides protection of gears and bearings without being corrosive to bronze components. It contains foam suppressants to prevent wear, which can be caused by lubricant foaming and aeration. Effective rust and corrosion inhibitors protect metal surfaces from the effects of water contamination from condensation and the operating environment. PENNZOIL<sup>®</sup> GEARPLUS<sup>®</sup> SAE 80W-90 GL-4 GEAR LUBRICANT resists the formation of varnish deposits on synchronizer components, thus assuring long, trouble-free operation.

PENNZOIL<sup>®</sup> GEARPLUS<sup>®</sup> SAE 80W-90 GL-4 gives the full protection of an SAE 90 under hard driving conditions while providing the flow characteristics of SAE 80W that are necessary during cold weather start-ups. This offers maximum lubrication and gear protection over a wide temperature range.

#### **APPLICATION**

PENNZOIL<sup>®</sup> GEARPLUS<sup>®</sup> SAE 80W-90 GL-4 GEAR LUBRICANT is designed for manual transmissions and transaxles of both American and import vehicles. It is formulated to be compatible with "yellow metals", such as bronze, found in synchronizers and other transmission components.

#### **BENEFITS**

- Meets the performance requirements of API GL-4 Service
- Will not cause glazing of synchronizer components
- Excellent thermal stability
- Outstanding extreme pressure and antiwear protection
- Prevents rust and corrosion
- Inhibits foaming and aeration
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**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES**  
**PENNZOIL® GEARPLUS® SAE 80W-90 GL-4**

<b>TEST</b>	<b>METHOD</b>	<b>TYPICAL RESULTS</b>
SAE Grade		80W-90
API Service		GL-4
Gravity, °API	ASTM D-287	27
Flash Point, °C(°F)	ASTM D-92	210(410)
Viscosity	ASTM D-2161 & D-445	
@210°F, SUS		76
@100°F, SUS		737
@ 40°C, cSt		159
@100°C, cSt		14.5
Viscosity Index	ASTM D-2270	93
Color	ASTM D-1500	5.5
Pour Point, °C(°F)	ASTM D-97	-26(-15)
Low Temperature Viscosity, cP @ °C	ASTM D-2983	<150,000 @ -26
Material Number		
12/1 Quart		21176
35 Pound Plastic Pail		4804
120 Pound Drum		4805
400 Pond Drum		4806