



GL-4 GEAR LUBRICANT

A Specialty Gear Oil For Applications Requiring GL-4 Performance

PRODUCT DESCRIPTION

PENNZOIL® GL-4 GEAR LUBRICANT is specially formulated to meet the unique requirements of API GL-4 service. GL-4 GEAR LUBRICANT is blended from selected base stocks and additives that yield a lubricant of exacting quality. This product is compounded utilizing sulfur-phosphorus EP chemistry and contains foam suppressants as well as corrosion inhibitors which are specifically designed to protect bronze alloys. The result is a lubricant that resists the formation of varnish deposits on synchronizer components thus assuring long, trouble-free operation.

GL-4 SAE 80W-90 gives the full protection of 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

GL-4 GEAR LUBRICANT is designed for both transmissions and differentials found in certain models manufactured by Audi, Hyundai, Nissan, Porsche, Suzuki, Toyota, Volkswagen and others. It may also be used in industrial applications calling for an AGMA 4EP gear oil.

BENEFITS

- Specifically formulated for API GL-4 Service
- Will not cause glazing of synchronizer components
- Superior thermal stability assures proper viscosity over wide temperature ranges
- Exceeds certain manufacturers' requirements for differential and transmission fluid
- EP and antiwear additives minimize metal-to-metal contact thereby extending useful life of power train components
- USDA H-2 listed

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

TEST	METHOD	TYPICAL RESULTS
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-2893	150,000 @ -26
Product Code		020800