

## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### **80W-90 LS GEAR OILS**

**PETROFLO SAE 80W-90 LS GL-5 GEAR OIL** 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, pickup 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.

**PETROFLO SAE 80W-90 LS GL-5 GEAR OIL** 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. **PETROFLO SAE 80W-90 LS GL-5 GEAR OIL** is a fully balanced, robust formulation for optimum axles and transmission protection.

**PETROFLO SAE 80W-90 LS GL-5 GEAR OIL** 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.

**PETROFLO SAE 80W-90 LS GL-5 GEAR OIL** is recommended for use in hypoid or spiral bevel gear differentials and manual transmissions where an GL-5 lubricant and an SAE 80W, 90 or 80W-90 viscosity grade is specified. In addition, **PETROFLO SAE 80W-90 LS GL-5 GEAR OIL** 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, pickup trucks, sports utility vehicles as well as sports, police and racing cars. It is also recommended for conventional differentials.

#### **BENEFITS**

- Meet and/or exceed 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

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TYPICAL ANALYSIS  
LS 80W-90

Gravity API	27.6
Viscosity Index	104
Flash Point °C / °F	200/392
Pour Point °C / °F	-27/-16
Viscosity SUS @ 100° F	771
Viscosity SUS @ 210° F	78.9
Viscosity Cst @ 40° C	147.1
Viscosity Cst @ 100° C	14.8
Specific Gravity @ 60° F	8894

The above analyses are typical inspections only and the finished product may vary from batch.