

# **Universal Co-Op Lubricants**

## **GL-5 Gear Oil**

### **Multi-Purpose Gear Lube**

## **Product Information Sheet**

### **Description:**

GL-5 Gear Lube is an extreme pressure gear lubricant for the majority of gear cases. It is designed to meet the widest range of needs in off-highway and on-highway vehicles, which includes trucking, agricultural, construction and industrial equipment. GL-5 Gear Lube is made from high quality base oils and an additive system to provide excellent extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust and anti-corrosion qualities and protection against foaming. This lubricant provides excellent protection against shock loading as well as protection for the sealing materials.

In some high load gearbox applications, such as a truck differential, the oil film cannot be maintained constantly between the meshing surfaces - this phenomenon is called boundary lubrication. When boundary lubrication occurs, the superior EP additive performance reacts with the surfaces and, in essence, provides a solid film lubrication that reduces wear and provides long gear life.

### **Features & Benefits:**

- Superior EP properties reduce wear in heavily loaded gear sets where hydrodynamic lubrication may not be complete.
- Excellent oxidation stability reduces oil degradation from high temperatures and enables long drain intervals.
- Outstanding protection against rust and corrosion assures protection of the gear box materials from contamination.
- Superior foam reduction aids in reducing oxidation and fluid film break down.

### **Application:**

- Commercial Gear Lube is recommended for:
- API Service - GL-5
- Many applications for API Service GL-2, 3 & 4
- MIL-L-2105D & E
- MACK GO-H
- EATON
- ROCKWELL
- Limited slip differentials for service fill applications

**Health & Safety:**

A complete material safety data sheet is available upon request. Used oil may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.

**Typical Properties:**

SAE Viscosity Grade	80W-90	85W-140
API Gravity	27.3	25.7
Viscosity, cSt		
@ 40°C	141	341
@ 100°C	14.4	26.0
Viscosity Index	100	100
Pour Point, °F	-15	10
Flash Point, °F	400	425

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.