



## Mineral Gearlube 90

76® Mineral Gearlube 90 is an SAE 90 mineral oil gear lubricant recommended for use in manual transmissions, transfer cases and rear axle assemblies of automotive, farm and off-highway equipment where the manufacturer specifies an API GL-1 gear oil. It also may be used in light-duty industrial applications where a non-compounded mineral oil is specified.

Mineral Gearlube 90 has good film strength and rust inhibition to protect gears, bearings and synchronizers. It also has good oxidation resistance to help minimize deposit formation, and good resistance to foaming.

### **Applications**

- Heavy-duty, multiple-speed manual transmissions in trucks and buses where the manufacturer specifies an API GL-1 gear oil
- Lightly loaded enclosed industrial gearboxes that do not require an extreme-pressure (EP) gear oil
- General-purpose lubrication in applications that require a non-compounded, ISO VG 150 mineral oil

Mineral Gearlube 90 meets the requirements of:

- API Service GL-1
- ArvinMeritor O-62
- Dana Spicer transmissions

### **Features/Benefits**

- Good film strength for wear protection
- Good oxidation resistance
- Protects against rust and corrosion
- Good foam resistance

**Note:** Mineral Gearlube 90 does not contain extreme-pressure or oiliness additives. It is **not** recommended for use in hypoid gear sets typically found in automotive and truck rear axles, or in worm gear drives.

**SAE 90 Mineral  
Gear Lubricant,  
API GL-1**

### **Contact Information**

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## Mineral Gearlube 90

### Typical Properties

<b>SAE Grade</b>	<b>90</b>
<b>ISO Grade</b>	<b>150</b>
<b>AGMA Grade</b>	<b>4</b>
Specific Gravity @ 60°F	0.879
Density, lbs/gal @ 60°F	7.33
Color, ASTM D1500	2.5
Flash Point (COC), °C (°F)	277 (531)
Pour Point, °C (°F)	-15 (5)
Viscosity,	
cSt @ 40°C	149
cSt @ 100°C	14.6
SUS @ 100°F	783
SUS @ 210°F	78.1
Viscosity Index	97

### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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