

## Transmission Oil 90

Conoco® Transmission Oil 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, ISO VG 150 or AGMA 4 mineral oil is specified.

Transmission Oil 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 and transfer cases in trucks and buses where the manufacturer specifies an API GL-1, SAE 90 gear oil
- Lightly loaded enclosed industrial gear drives where the OEM specifies a R&O type, AGMA 4 gear oil
- General-purpose lubrication in applications that require a non-compounded, ISO VG 150 mineral oil

Transmission Oil 90 meets the requirements of:

- API Service GL-1

### **Features/Benefits**

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

**Note:** Transmission Oil 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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### 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	0.882
Density, lbs/gal @ 60°F	7.35
Color, ASTM D1500	2.5
Flash Point, (COC), °C (°F)	277 (531)
Pour Point, °C (°F)	-17 (1)
Viscosity,	
cSt @ 40°C	158
cSt @ 100°C	15.3
SUS @ 100°F	830
SUS @ 210°F	81.0
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://w3apps.phillips66.com/NetMSDS>.