



Product Application Sheet

76 Mineral Gear Lube

NON-COMPOUNDED SAE 90 GEAR OIL, API GL-1

76 Mineral Gear Lube is a non-compounded mineral oil gear lubricant. It is recommended for use in manual transmissions and rear axle assemblies of automotive, farm, and off-highway equipment where the manufacturer specifies an SAE 90, API GL-1 gear oil. It may also be used in flexible couplings and in lightly-loaded industrial enclosed gear sets that do not require an extreme pressure gear lubricant.

TYPICAL APPLICATIONS

Manual transmissions, including those with automatic overdrive, that require a straight mineral gear oil.

Tractor transmissions and final drives that require a straight mineral gear oil.

Rear axle assemblies of the spiral bevel gear type in farm and other off-highway equipment.

Flexible couplings.

Industrial spur, helical, and spiral bevel gear sets that do not require an extreme pressure gear lubricant.

Large industrial plain and rolling element bearings operating at low speeds and high temperatures.

CAUTION: *76 Mineral Gear Lube does not contain extreme pressure or oiliness additives. It is not recommended for use in hypoid gears or in worm gear drives.*

RECOMMENDED FOR:

API Service GL-1
Meritor (Rockwell) O-62

OUTSTANDING FEATURES

- ◆ Good film strength to protect gears
- ◆ Good natural oxidation resistance
- ◆ Good foam resistance
- ◆ Compatible with other gear oils

DESCRIPTION

76 Mineral Gear Lube is formulated with high quality paraffinic base stocks and a foam inhibitor. It is suitable for use in all applications where a

straight mineral gear oil is recommended. It has good natural oxidation resistance and good film strength to protect the gears.

TYPICAL INSPECTION TESTS:

SAE Grade	90
Product Code	52080
Density, g/cm ³ @ 15°C	0.889
Color, ASTM	L 4.0
Flash Point, COC, °C (°F)	240 (465)
Pour Point, °C (°F)	-12 (10)
Viscosity	
cSt @ 40°C	189
cSt @ 100°C	17.1
SUS @ 100°F	997
SUS @ 210°F	88.6
Viscosity Index	99
Foam Test, ASTM D892	Pass