

DISCRIPTION

SUPER GEAR LIFE is a high-quality mineral-based gear lubricant specially designed for manual transmissions and gear systems operating under mild service conditions. It provides reliable lubrication, smooth operation, and protection against wear and corrosion.

SUPER GEAR LIFE is a premium mineral gear lubricant formulated to meet the performance requirements of API GL-1 specifications. It is designed for use in manual transmissions, spiral bevel gears, and other gear systems operating under low to moderate loads and speeds where extreme pressure (EP) additives are not required.

This product provides excellent film strength, effective protection against wear, rust, and corrosion, and maintains stable performance across a wide temperature range. Its balanced formulation ensures smooth gear engagement, reduced friction, and extended equipment life.

APPLICATION

SUPER GEAR LIFE is recommended for use in

- Manual transmissions requiring API GL-1 performance
- Spiral bevel gears under mild operating conditions
- Agricultural equipment
- Light-duty commercial vehicles
- Industrial gear systems operating without extreme pressure requirements
- Classic or older vehicle transmissions where EP additives are not recommended

BENEFITS

- Reliable wear protection under mild conditions
- Good oxidation stability
- Protects against rust and corrosion
- Smooth gear shifting performance
- Compatible with yellow metals (bronze, brass components)
- Available in various SAE viscosity grades
- Cost-effective lubrication solution

Performance

API GL-1

PRODUCT DATA SHEET



AVAILABILITY

ISO VG Grade 68, 100, 150, 220, 320, 460 and 680

Packaging: 1Q,1L,4Q, 4L,5Q, 5L, 18L, 20L, 25L, Drums, IBC.

Specification

Test Parameter	Units	Test Limits	Test Method
SAE Grade	-	90	DIN 51511
Appearance	-	C&B	Visual
Density @ 15°C	g/cm ³	0.88	ASTM D-4052
Viscosity @ 40°C	cSt	155	ASTM D-445
Viscosity @ 100°C	cSt	13.5 – 18	ASTM D-445
Viscosity Index, min.	-	100	ASTM D- 2270
Flash Point (COC), min.	°C	230	ASTM D-92
Pour Point, max.	°C	-18	ASTM D-97
Code	-	505/1	-

SUPER GEAR LIFE
MONO-GRADE
90 GL-3