

High-Quality Mineral-Based Monograde Oil

Gear Oil SAE 90 API GL-4 is a high-quality mineral-based monograde oil formulated with balanced sulfur-phosphorus extreme pressure (EP) additives to provide reliable protection for gears operating under moderate to heavy loads. It is specifically designed for use in manual transmissions, spiral bevel gears, and lightly loaded hypoid gear systems where API GL-4 performance is required, ensuring excellent wear protection while maintaining compatibility with yellow metals such as brass and bronze synchronizers. The oil delivers good thermal and oxidation stability, effective corrosion protection, and consistent lubrication performance, contributing to smooth gear operation, reduced noise, and extended equipment life under a wide range of operating condition.

PERFORMANCE, FEATURES & BENEFITS

- Strong anti-wear and EP protection for gears
- Excellent oxidation and thermal stability
- Effective rust and corrosion protection
- Good foam control and seal compatibility
- Smooth gear shifting and reduced noise

MAIN APPLICATIONS

- Spiral bevel gears and lightly loaded hypoid gears
- Manual transmissions
- Steering gearboxes and transfer cases
- Automotive and industrial gear systems requiring GL-4

SPECIFICATIONS & RECOMMENDATIONS

- API: GL-4
SAE J306

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear and bright
KV @ 40°C	ASTM D445	205
KV @ 100°C	ASTM D445	17.5
Viscosity Index	ASTM D2270	≥ 90
Density @ 15°C	ASTM D4052	0.889
Flash Point	ASTM D92	≥ 220
Pour Point	ASTM D97	-24

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)