



# AVYOL GEAR OILS

## (Extreme Pressure & Industrial Gear Lubricants)

Avyol Gear Oils are formulated with advanced extreme-pressure (EP) additives to protect heavily loaded gears against wear, scuffing, and pitting. They provide excellent thermal and oxidation stability, ensuring long service life in industrial gearboxes operating under severe loads and shock conditions. These oils also deliver outstanding rust and corrosion protection, keeping gear systems reliable in demanding environments.

### Performance Highlights

- High load-carrying capacity to protect gears from wear and scuffing.
- Superior oxidation and thermal stability for longer oil life.
- Excellent rust and corrosion resistance.
- Strong adhesion to gear surfaces for continuous film strength.
- Available in ISO VG grades 68, 100, 150, 220, 320, 460, and 680.



### Typical Specifications (Gear Oils – ISO VG 220 as example)

Property	Value / Limit	Test Standard
Kinematic Viscosity @ 40 °C	220 mm <sup>2</sup> /s ± 10%	ASTM D445
Kinematic Viscosity @ 100 °C	~19 mm <sup>2</sup> /s	ASTM D445
Viscosity Index	≥ 95	ASTM D2270
Flash Point (°C, COC)	≥ 220	ASTM D92
Pour Point (°C)	≤ -9	ASTM D97
FZG Load Carrying Test	≥ 12th Stage Pass	DIN 51354
Rust Protection	Pass	ASTM D665
Copper Corrosion (3h @ 100 °C)	1a	ASTM D130

