



Full Synthetic Industrial EP Gear Oil

STARFIRE Full Synthetic EP Gear Oils are designed for extended protection of industrial gears and bearings. They are formulated using state-of-the-art additive technology and premium synthetic base stocks to provide exceptional high and cold temperature protection under severe conditions.

STARFIRE Full Synthetic EP Gear Oils provide exceptional thermal and oxidation stability for extended service life. They are designed for industrial gear applications including heavily loaded enclosed gears, gears subject to shock loading and heavily loaded plain and roller element bearings.

BENEFITS

- Exceptional low pour point and high viscosity index
- Greater film thickness at higher temperatures and
- Lower viscosities at low temperature start up
- Low foaming tendencies
- Oxidation resistance guarding against rust and corrosion

APPLICATIONS

- American Gear Manufacturers – AGMA 9005-E02
- American Petroleum Institute – Service Level GL-3
- David Brown – S1. S3. 101
- Schaeffer Group (FAG) – FAG FE-8 (Method)
- German Institute of Standardization – DIN 51517(3) – CLP
- General Motors – LS-2
- U.S. Steel – US 224

Typical Test Data	68	100	150	220	320	460	680
Pour Point, °C	-34	-34	-34	-32	-32	-32	-30
Viscosity: cSt @ 40°C	70.7	98.2	146	224	331	437	674.4
cSt @ 100°C	10.6	13.3	17.5	23.4	30.2	36.7	49.6
Viscosity Index	138	136	132	130	126	127	127
Density (lb/gal)	7.13	7.16	7.19	7.25	7.26	7.27	7.32
Color	0.5	1	1	1	0.5	0.5	1