



INDUSTRIAL Gear Oils

Description

Industrial Gear Oils are special formula gear lubricants designed for heavy duty industrial gear sets as specified by the American Gear Manufacturers Association (AGMA).

The additive system incorporated in this series of **Industrial Gear Oils** provides extreme pressure (EP) and anti-wear protection.

Industrial Gear Oils are designed for gear sets utilizing spur, bevel, worm, spiral bevel, helical and herringbone tooth designs.

Industrial Gear Oils meet the requirements of and are suitable for use in gear sets calling for AGMA 9005-F16 and U.S. Steel 224.

Features/Benefits

- ✓ **Excellent Extreme Pressure Properties**
- ✓ **Superior Rust and Corrosion Protection**
- ✓ **High Film Strength**
- ✓ **Enhanced Oxidative and Thermal Stability**
- ✓ **Excellent Seal Compatibility**
- ✓ **Low Foam Tendency**

Specified Gearing Applications

- ✓ Conveyors, Agitators, Dryers
- ✓ Extruders, Fans, Mixers
- ✓ Presses, Pulpers, Pumps
- ✓ Other Heavy Duty Applications

Physical Properties	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP
Product Number	142	143	144	145	146	147
ISO Grade	68	100	150	220	320	460
API Gravity @ 60°F	30	28	29	28	28	26
Viscosity @ 40°C, cSt	68	100	150	220	320	460
Viscosity @ 100°C, cSt	8.6	11.3	14.9	18.9	24	31
Viscosity @ 104°F, SUS (ref)	315	460	695	1020	1480	2130
Viscosity Index	95	95	95	95	95	95
Copper Corrosion ASTM-D-130	1a	1a	1a	1a	1a	1a
Performance Properties						
Timken OK Load, lbs	60	60	60	60	60	60
FZG Fail Stage DIN 51354	12	12	12	13	13	13
DIN 51517 Part 3	CLP 68	CLP 100	CLP 150	CLP 220	CLP 320	CLP 460
AGMA 9005-F16	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP