



Steward Industrial Gear Oil

Description:

Steward Industrial Gear Oils are special formula gear lubricants designed for heavy duty industrial gear sets as specified by the AGMA (American Gear Manufacturers Association). The additive system incorporated in this series of oils provides extreme pressure (EP) and anti-wear protection. These lubricants are designed for gear sets utilizing spur, bevel, worm, spiral bevel, helical and herringbone tooth designs. Industrial Gear Oils meet the requirements of AGMA 9005-D94 and U.S. Steel 224.

Features and Benefits:

Excellent Extreme Pressure Properties
 Superior Rust and Corrosion Prevention
 High Film Strength

Enhanced Oxidative and Thermal Stability
 Excellent Seal Compatibility
 Low Foam Tendency

<i>Typical Physical Properties</i>						
Product	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP
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 Index	95	95	95	95	95	95
Viscosity @ 104°F, SUS, ref	315	460	695	1020	1480	2130
Copper Corrosion ASTM-D-130	1a	1a	1a	1a	1a	1a

<i>Typical Performance Properties</i>						
Product	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP
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-D94	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP

Typical Application:

Industrial Gear Oils are suitable for use in gear sets calling for AGMA 9005-D94 or U.S. Steel 224 performance. Specific applications include gearing for conveyers, agitators, dryers, extruders, fans, mixers, presses, pulpers, pumps, extruders and other heavy duty applications.