

United Synthetic Industrial Gear Oils are formulated with full synthetic base oils and thermally stable extreme-pressure (EP) additives. These oils are designed for the lubrication and protection of industrial gears including bevel, herringbone, planetary and spur.

Features/Benefits:

- Proven wear and micropitting protection
- Low pour point provides reliable cold-temperature start-up lubrication and efficiency
- Exceeds a wide range of performance specifications for convenience and versatility
- Resists heat and deposits for superior cleanliness
- Excellent seal compatibility helps extend seal life and reduce leaks
- Diminishes shock-loads and delivers excellent wear protection for bearings and gears
- Does not contain solid additives, enhancing filterability

Note: Consult equipment operation manual for viscosity grade recommendations.

Meets or Exceeds:

- U.S. Steel 224
- AGMA 9005-E02
- DIN 51517 Part 3
- David Brown S1.53.101
- ISO 12925-1 (CKD)
- Cincinnati Machine

TYPICAL SPECIFICATIONS

ISO Viscosity Grade	150	220	320	460
AGMA (EP)	4	5	6	7
Viscosity @ 100°C ASTM D445	19.7	26.8	35.7	49.2
Viscosity @ 40°C ASTM D445	149.1	222.1	324.1	457.4
Viscosity Index ASTM D2270	152	155	156	168
Flash Point °C (COC) ASTM D92	238	238	246	244
Flash Point °F (COC) ASTM D92	460	460	475	471
Fire Point °C, ASTM D92	284	280	286	284
Fire Point °F, ASTM D92	543	536	547	543
Pour Point °C, ASTM D97	-44	-40	-40	-35
Pour Point °F, ASTM D97	-47	-40	-40	-31
Copper Strip Corrosion Test ASTM D130 121°C, 3 hrs	1B	1B	1B	1B
Timken OK Load, lbs ASTM D2782	>90	>90	>90	>90
Four-Ball EP, ASTM D2783 a) Weld Point, kg b) Load Wear Index kg	250 54	250 55	250 58	250 54

Product Availability:

- 5 Gallon Pail
- 55 Gallon Drum
- 275 Gallon Tote