

UNITED SYNTHETIC INDUSTRIAL GEAR OIL (EP)



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:

- Proven wear and micro-pitting protection
- Low pour point provides reliable cold-temperature startup 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.

TYPICAL SPECIFICATION DATA

UNITED SYNTHETIC INDUSTRIAL GEAR OIL (EP)				
ISO GRADE	150	220	320	460
Viscosity @ 100°C (cSt)	19.7	26.8	35.7	49.2
Viscosity @ 40°C (cSt)	149.1	222.1	324.1	457.4
Viscosity Index	152	155	156	168
Pour Point (°C)	-44	-40	-40	-35
Pour Point (°F)	-47	-40	-40	-31
Flash Point (°C)	238	238	246	244
Flash Point (°F)	460	460	475	471
AGMA Designation	4EP	5EP	6EP	7EP
Copper Corrosion	1B	1B	1B	1B
Timken OK Load	>90	>90	>90	>90
4-Ball Weld Point	250	250	250	250
4-Ball Wear Index	54	55	58	54

Meets or Exceeds:

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

Product Availability: United Synthetic Industrial Gear Oil ISO 150

- 5 Gal
- 55 Gal*
- 275 Gal*
- Item # 315395

Product Availability: United Synthetic Industrial Gear Oil ISO 220

- 5 Gal
- 55 Gal
- 275 Gal
- Item # 315396
- Item # 315397
- Item # 343418

Product Availability: United Synthetic Industrial Gear Oil ISO 320

- 5 Gal
- 55 Gal
- 275 Gal*
- Item # 318644
- Item # 315398

Product Availability: United Synthetic Industrial Gear Oil ISO 460

- 5 Gal
- 55 Gal*
- 275 Gal*
- Item # 315399

**Contact your local United Account Manager for product availability.*