

United Industrial Gear Oil provides a complete range of extreme-pressure (EP) products designed for extra-duty service in a wide variety of industrial applications.

United Industrial Gear Oils are formulated with high-quality base oil and select additives to deliver improved EP properties and provide effective anti-wear characteristics under all service conditions. They contain a mist-control additive to provide good delivery of the oil and control of the stray mist.

United Industrial Gear Oils have a high viscosity index, improved demulsibility, excellent solution stability, and thermal stability properties. They also provide excellent resistance to oxidation and are non-foaming and non-corrosive.

Features:

- Exceptional EP protection and film strength
- Rust and corrosion protection
- Demulsifies for water separation
- Seal protection against swelling, hardening, and cracking
- Superior oxidation and thermal stability
- Outstanding resistance to foam

Applications:

- Worm gears, spiral bevel, helical, spur, and herringbone gears
- Multiple gear drives that operate at greatly increased pressure between the surface of the gear teeth or any application where severe shock or overloads are encountered
- USDA approved for use in closed lube systems in food-processing plants

TYPICAL SPECIFICATION DATA

UNITED INDUSTRIAL GEAR OIL							
ISO GRADE	68	100	150	220	320	460	680
Viscosity @ 100°C (cSt)	8.9	11.6	14.8	19.0	25.7	33.0	51.9
Viscosity @ 40°C (cSt)	68.0	99.0	152.6	220.0	335.3	481.8	706.5
Viscosity Index	104	105	96	97	100	101	129
Density (lb/gal)	7.27	7.35	7.40	7.45	7.41	7.52	7.65
Pour Point, °C	-27	-21	-18	-9	-9	-6	-3
Pour Point, °F	-17	-6	0	16	16	21	27
Flash Point °C	244	227	250	250	250	250	250
Flash Point °F	471	441	482	482	482	482	482
AGMA Designation	2EP	3EP	4EP	5EP	6EP	7EP	8EP
Timken OK Load (lbs)	60	60	60	60	60	60	60
4-Ball Ep Performance Weld Point (kgf)	250	315	315	315	315	315	315
4-Ball Wear Scar (mm)	0.25	0.25	0.28	0.28	0.28	0.28	0.28
Copper Corrosion	1A	1A	1A	1A	1A	1A	1A

Meets or Exceeds:

- Cincinnati Machine P-63 (ISO 68), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460)
- US Steel 224 (ISO 150, 220, & 320)

Product Availability: United Industrial Gear Oil ISO 68

- 55 Gal
- 265 Gal
- Bulk
- Item # 191512
- Item # 210956
- Item # 192971

Product Availability: United Industrial Gear Oil ISO 100

- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 191502
- Item # 191503
- Item # 210951
- Item # 193054

Product Availability: United Industrial Gear Oil ISO 150

- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 191504
- Item # 191505
- Item # 210950
- Item # 193051

Product Availability: United Industrial Gear Oil ISO 220

- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 191506
- Item # 191507
- Item # 210952
- Item # 193057

Product Availability: United Industrial Gear Oil ISO 320

- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 191508
- Item # 191509
- Item # 210953
- Item # 193060

Product Availability: United Industrial Gear Oil ISO 460

- 55 Gal
- 265 Gal
- Bulk
- Item # 191511
- Item # 210954
- Item # 192676

Product Availability: United Industrial Gear Oil ISO 680

- 55 Gal
- 265 Gal
- Bulk
- Item # 191514
- Item # 210955
- Item # 193065