



EP INDUSTRIAL GEAR OIL

Sinclair EP Industrial Gear Oils are proven extreme-pressure industrial lubricants made from highly refined base stocks and lead-free performance additives. They are specially formulated to provide improved oxidation stability over conventional industrial gear oils, and have exceptionally good hydrolytic stability over a wide range of temperatures. As a result, Sinclair Gear Oils substantially reduce formation of sludge, varnish and carbon deposits, resulting in cleaner gears, less viscosity buildup and longer fluid life. Sinclair Gear Oils have high load carrying capacity, providing protection from wear, scoring and corrosion. They are recommended for use in most industrial gear oil applications requiring extreme-pressure performance.



BENEFITS

- **High Load Capacity** - Excellent anti-wear properties prevent excessive gear tooth wear in high pressure or shock load applications.
- **Water Separation** - Good demulsibility properties aid dropout of entrained water in contaminated systems.
- **Corrosion Protection** - Corrosion inhibitors protect copper lines, misting nozzles and steel gears.
- **Hydrolytic Stability** - Superior resistance to formation of acidic breakdown products in the presence of water, thereby preventing acidic corrosion, and promoting longer gear and fluid life.
- **Oxidation Stability** - Superior resistance to viscosity build and formation of sludge and varnish over a wide range of temperatures, permitting long term continuous operation up to 250°F and short term up to 350°F.
- **Foam Control** - Excellent resistance to foaming.

FLUID MANAGEMENT

Sinclair Gear Oils are fully fluid at normal operating temperatures and may be applied by any conventional method, such as hand application, appliance oilers, and centralized lubrication systems suitable for fluid lubricants. Where appropriate, Sinclair Gear Oil may also be applied through misting equipment.

RECOMMENDED APPLICATIONS

Sinclair Gear Oils are recommended for the lubrication of spur, helical, bevel, and worm gear configurations subject to heavy or shock loading in industrial equipment. Sinclair oils perform well at high temperatures and in the presence of water, which can often affect normal operations.



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TYPICAL PHYSICAL PROPERTIES

	METHOD	TYPICAL RESULTS
Viscosity Grade		Industrial EP Gear Oil ISO 150
Gravity, °API	ASTM D287	28.84
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8825
Viscosity @ 40°C cSt	ASTM D445	145.7
Viscosity @ 100°C cSt	ASTM D445	15.31
Viscosity Index	ASTM D2270	107
Color	ASTM D1500	3.5
Phosphorus, wt. %	ASTM D5185	0.013
Sulfur, wt. %	ASTM D4951	0.336

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Industrial EP Gear Oil ISO 150	5 Gallon	561-008	0 14168-01653 7	N/A	L 12.500 x W 12.500 x H 15.500	1.402 / 60.083	41.090 / 1725.762	42 Eaches (3 layers of 14)
Industrial EP Gear Oil ISO 150	55 Gallon	561-003	0 14168-01710 7	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	430.970 / 1723.880	4 Drums

