



America's Fastest Growing Lubricant Brand!

Quantum® EP Industrial Gear Oil

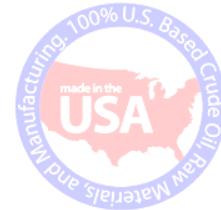
Quantum EP Industrial Gear Oils are a series of premium gear lubricants formulated to provide optimum performance and protection in nearly all types of enclosed gear sets. They are blended with selected grades of high-viscosity index and thermally stable paraffinic base stocks and fortified with an advanced additive system designed to deliver ultimate protection against gear and bearing wear, rust, oxidation, and hydrolytic decomposition.

EQUIPMENT BENEFITS

- Outstanding wear protection to protect critical gear components
- Excellent resistance to rust and oxidation
- Maintains excellent water separating properties (demulsification), even at elevated operating temperatures

PRODUCT FEATURES

- Formulated with premium paraffinic base stocks for added resistance to thermal breakdown
- Provides active anti-wear agents to protect critical gear components
- Special dispersants provide resistance to system rust and corrosion
- Extreme pressure additives provide long-lasting gear protection
- Chlorine-free formulation provides worry-free disposal
- Non-corrosive to copper, brass, or bronze bearing material



APPLICATIONS

Quantum EP Industrial Gear Oil meets or exceeds industrial gear oil applications including:

- DIN 51517 Part 3
- GM LS 2 EP Gear Oil
- Clean Panel Coker
- David Brown S1.53.101
- ISO 12925-1 CKC/CKD
- U.S. Steel 224
- AGMA 905-D94
- AGMA 9005-E02 (replaced AGMA 250.04)
- ISO 68 AGMA 2EP – Cincinnati Milacron P-63
- ISO 100 AGMA 3EP – Cincinnati Milacron P-76
- ISO 150 AGMA 4EP – Cincinnati Milacron P-77
- ISO 220 AGMA 5EP – Cincinnati Milacron P-74
- ISO 320 AGMA 6EP – Cincinnati Milacron P-59
- ISO 460 AGMA 7EP – Cincinnati Milacron P-35

Quantum® EP Industrial Gear Oil						
Typical Physical Properties						
	68	100	150	220	320	460
ISO (ASTM) Grade	68	100	150	220	320	460
AGMA Number	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP
Pour Point °C (°F)	-15 (5)	-12 (10)	-11 (12)	-15 (5)	-12 (10)	-18 (0)
Flash Point, °C (°F)	232 (449)	239 (463)	227 (441)	194 (381)	213 (416)	214 (418)
Viscosity Index	101	101	100	109	99	80
Viscosity cSt @ 40°C	69.2	101.0	152.2	223.0	301.1	427.0
Viscosity cSt @ 100°C	8.9	11.5	15.2	20.7	23.6	26.3
Gravity, API	29.9	29.8	28.7	28.6	28.0	25.6
Color, ASTM	<2.5	<3.5	<4.0	<3.5	<4.0	<4.0
Timken, OK Load, Lbs.	65	65	65	65	65	65

Minor variations in typical physical properties may occur from normal manufacturing processes