

Industrial Gear Lube EP – ISO Grades

Overview: **Industrial Gear Lube EP – ISO Grades** are heavy duty, premium grade, industrial gear lubes designed to withstand the toughest industrial requirements. Made with highly refined, high viscosity base stocks, and these products are compounded with the latest in additive technology. Its performance exceeds the AGMA EP requirements and those of the US Steel 224. They are available in 7 viscosity grades from ISO 68 to ISO 680.

Operational Benefits: These products offer these competitive advantages to enhance your reliability:

• **Superior Thermal Stability** • **Outstanding Oxidation Stability** • **Low Volatility** • **High Viscosity Index** • **High Flash Point** • **Wide Operating Temperature Range**

Application: Industrial gear reducers, Bearing lubrication (static / circulation), Mist lubricators

Typical Industries: This product is commonly used (but not exclusively) in the following industries:

• **Chemical processing** • **Pulp and paper mills** • **Basic metal** • **Oil processing** • **General manufacturing** • **Mining and ore processing** •

Note: These products contain active sulfur/phosphorus additives and should not be used in applications with brass/bronze components (worm gears, PIV drives, gearboxes with backstops).

Interlube Corporation

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International Manufacturer & Distributor of the World's Finest Lubricants & Cleaning Compounds

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Technical Properties

Specification	Method	Industrial Gear Lube 68 EP	Industrial Gear Lube 100 EP	Industrial Gear Lube 150 EP	Industrial Gear Lube 220 EP	Industrial Gear Lube 320 EP	Industrial Gear Lube 460 EP	Industrial Gear Lube 680 EP
Appearance	ASTM E-2680-16	Dark Liquid	Dark Liquid	Dark Liquid	Dark Liquid	Dark Liquid	Dark Liquid	Dark Liquid
AGMA Fluid Rating		#3	#3	#4	#5	#6	#7	#8
Viscosity ISO Grade cSt @ 40°C SUS @ 100°F	ASTM D-445	68 69 358	100 103 549	150 153 750	220 225 1029	320 320 1480	460 466 2788	680 680 4202
Viscosity Index	ASTM D-2270	>95	>95	>95	>95	>95	>95	>95
FZG Spur Gear Test (Pass)	ASTM D-93	12	12+	12+	12+	12+	12+	12+
Four Ball Wear Scar (mm)	ASTM D-4172	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Four Ball EP Load Wear Index	ASTM D-2783	<-80	<-80	<-80	47.6	47.6	47.6	47.6
Four Ball Weld Load (kgf)	ASTM D-2783	250	250	250	250	250	250	250
Demulsibility (ml / Min)	ASTM D-1401	40-40-0 (15)	40-40-0 (30)	40-40-0 (30)	40-40-0 (30)	40-40-0 (30)	40-40-0 (30)	40-40-0 (30)
Copper Corrosion	ASTM D-130	1b	1b	1b	1b	1b	1b	1b
Rust and Corrosion – Steel	ASTM D-665	PASS	PASS	PASS	PASS	PASS	PASS	PASS

The values shown are typical of current production. All of them may vary within tolerable ranges



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