



## EP Gear Oil Series

Eco Ultra® EP Gear Oil Series contain an ‘extreme pressure’ additive system. This allows the lubricant to remain water, rust and corrosion resistant in severe situations. These lubricants excel in industries where load carrying capacity is required. The combination of high viscosity base oils and additives maintain shear stability and reduce wear, even under hot, wet and dirty high load or extreme pressure conditions.

Eco Ultra EP Gear Oil Series adhere to metal, even under the most severe conditions. These unique characteristics are imparted by a polar agent with special cohesive and adhesive properties and help extend component life.

Eco Ultra EP Gear Oil Series are suited for the lubrication of a wide variety of industrial and mobile equipment, enclosed gear systems, chain drives, sprockets, plain and anti-friction bearings, slide guides and flexible couplings. They excel in the lubrication of enclosed gear drives and reducers from fractional horsepower gear motors to the large high horsepower units on rolling mills and hoists.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ISO 68</u>	<u>ISO 220</u>	<u>ISO 320</u>
Viscosity @ 40°C, cSt	D-445	68.0	220	320.5
Viscosity @ 100°C, cSt	D-445	8.53	19.50	24.00
Viscosity Index	D-2270	95	95	95
Flash Point, COC, °C (°F)	D-92	221 (430)	235 (455)	260 (500)
Pour Point, °C (°F)	D-97	-29 (-20)	-12 (5)	-12 (10)
Color	D-1500	Orange	Orange	Orange
Gravity, °API	D-287	29.4	27.7	27.2
Texture		Stringy	Stringy	Stringy
Steam Emulsion Test		100-600	100-600	100-600
Pin-type Weeks Test, psi, min.		390,000	390,000	390,000
Stick Slip Test		0.770	0.770	0.770
Timken OK Load, lbs.	D-2509	100	100	100
Copper Strip	D-130	1a	1a	1a
FZG Gear Test, Stages Passed		12	12	12
Four-Ball Wear, Scar dia, mm.	D-2266	0.30	0.30	0.30

Meets or exceeds the following tests and requirements:

- AGMA – 250.04
- US Steel – 224