PRIDE PLUS INDUSTRIAL

EP Gear Lubricants

Description

Pride Plus Advantage EP Industrial Gear Lubricants are premium quality non-lead general purpose extreme pressure industrial gear oils made from highly refined base stocks and compounded with additives to impart special film strength, anti-wear, oiliness, anti-oxidant, corrosion inhibitor, and foam suppressant characteristics. The additive system consists of sulfur-phosphorous based EP technology for modification of gear rubbing surfaces to prevent welding and galling from inadequate film strength. The EP action is formed by chemical reaction between the additives and the metal surfaces under conditions of metal-to-metal contact resulting in boundary film lubrication.

Applications

- Recommended for their excellent oxidation and thermal stability to minimize viscosity increase and sludge formation at operating temperatures up to 200 F. They separate readily from water.
- Industrial EP Gear Oils are suitable for heavily loaded gear units and for gears subjected to shock loading. The product is suggested for lubrication of various gear types such as spur, bevel, helical, worm, and industrial hypoid cases on mobile type equipment. Included also are gear systems incorporated in cement mills, ball mills, crushers, hoists, winches, and marine equipment. They are also suitable for application in plain and rolling contact bearings.
- Industrial EP Gear Lubricants meet requirements of AGMA 250.04, US STEEL 224, and Cincinnati Milacron for appropriate viscosity grades.

Typical Properties

ISO Grade	68	150	220	320	460	680
AGMA Number	2 EP	4 EP	5 EP	6 EP	7 EP	8 EP
Viscosity, cSt						
At 40 C	67.6	147.8	220.9	320.9	475.3	678.3
At 100 C	8.5	14.4	18.8	24.0	31.0	39.0
Viscosity, SUS						
AT 100 F	353	788	1166	1707	2478	3691
At 210 F	52	73	85	106	132	159
Viscosity Index	95	95	95	95	95	95
Pour Pt, Deg F						
Deg C	-15	-5	-5	-5	0	+5
Rust Test, ASTM D665	|<----------Passes Procedures A & B----------\>|					
Gravity, API @ 60 F	29	27	26	26	25	24

NOTE: The values are representative of current production and may vary within modest ranges.

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