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TECHNICAL DATA SHEET

CINNGEAR MP (ISO) PGS

Overview: Interlube CINNGEAR MP (ISO) PGS are synthetic, EP gear lubricants that are specially designed for those applications requiring a high- performance type lubricant. They are water soluble, incorporating unique synthetic lubricant base stocks that have a distinct molecular advantage over conventional mineral oils and other types of synthetics. Their low pour points, high VI's and excellent thermal and oxidative stability allow them to be used over a greater range of temperatures than competitive types of gear lubes. They are formulated with superior anti-wear and EP additives as evidenced by passing 14+ stages in the (EP)-FZG test and having a 90 lbs. Timken OK Load.

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

• **Reduced energy consumption** • **Wide operating temperature range** • **Significantly reduced wear** • **High load-carrying capabilities** • **Superior rust and corrosion protection** • **Low volatility and very high Flash Point** • **High shear stability** • **High thermal and oxidation stability** • **Extended service life** • **Elimination of sludge and carbon residues** • **High viscosity index**

Application:

• **Industrial Gear Reducers**

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

• **General manufacturing** • **Chemical production** • **Consumer goods**

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CINNGEAR MP (ISO) PGS
Technical Properties

Property	Specification	CINNGEAR MP 150 PGS	CINNGEAR MP 220 PGS	CINNGEAR MP 320 PGS	CINNGEAR MP 460 PGS
Color and Appearance		Clear / Light Amber	Clear / Light Amber	Clear / Light Amber	Clear / Light Amber
Specific Gravity @ 60°F (15°C)	ASTM D-4052	1.00	1.01	1.01	1.01
Viscosity ISO Viscosity Grade cSt @ 40°C	ASTM D-445	150 155	220 216	320 319	460 460
Flash Point (COC), °F (°C)	ASTM D-92	406 (207.8)	419 (215)	433 (222.8)	450+ (232.2+)
Pour Point, °F (°C)	ASTM D-97	-24 (-31)	-18 (-27.8)	-11 (-23.9)	-11 (-23.9)
4-Ball Weld Load (kgf)	USP/ NF	67	73	91	93
FZG Grade Passed	USP	14	14+	14+	14+

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

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