

Medallion Plus[®] Industrial Gear EP Oils

PRODUCT DESCRIPTION

Medallion Plus Ind. Gear EP Oils are formulated from premium paraffinic basestocks fortified with additives that provide excellent load-carrying capability, extreme pressure protection, and resistance to oxidation, corrosion, and foaming. The high viscosity index and Timken load rating of 65 pounds demonstrate the oil's ability to maintain thick lubricating films at high operating temperatures and to protect gears and bearings under high-pressure conditions and shock loading. Medallion Plus EP Industrial Gear Oils also pass the USS Oxidation Test, indicating substantial resistance to high-temperature oxidation that produces varnish, sludge, and rapid oil deterioration.

MP Ind. Gear Oils are recommended for the lubrication of enclosed industrial gears with splash or re-circulating lubrication systems. They provide excellent service in lubricating all heavily-loaded parallel shaft gears operating at bulk oil temperatures up to 150F. The strong sulfur-phosphorus extreme pressure additive can stain non-ferrous metals at high temperatures. For this reason, extreme pressure gear oils should not be used in steel-on-bronze worm gears unless specifically recommended by the manufacturer.

INDUSTRY APPROVALS

Medallion Plus Ind. Gear EP Oils meets or exceeds the specifications of:

- USS 224
- AGMA 250.04
- Cincinnati Milacron P-59

TYPICAL ANALYSIS

Property	68	100	150	320
Viscosity @ 100 °C, cSt	8.8	8.4	14.8	23
Color	1.5	1.5	2.5	4.5
Pour Point (min) °C	-25	-25	-20	-15
Flash Point °F, min F	240	240	240	280
US Steel Oxidation	pass	pass	pass	pass
Timken EP/FZG Gear	65/12+	65/12+	65/12+	70/12+
AGMA Rating	2EP	3EP	4EP	6EP

HEALTH & SAFETY

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your Customer Service Center. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment. Due to continual product research and development, the information contained herein is subject to change without notification.

