

ExxonMobil Enmist EP 100

Category : Fluid , Lubricant

Material Notes:

Esso ENMIST EP is a family of premium quality industrial lubricants designed for the oil-fog or mist-lubrication of machine components such as slideways, bearings, gears, chains etc. ENMIST EP mist lubricants are formulated with base stocks carefully selected for outstanding low-temperature properties and a proprietary additive package for exceptional stray mist control and oxidation stability. The outstanding oxidation stability of ENMIST EP resists deposit formation under high-temperature operating conditions, which helps reduce wear rates and extend equipment life. Their low pour points reduce the risk of wax plugging at the reclassifier, which could otherwise cause premature equipment failure, particularly in dry sump applications. The formulation of ENMIST EP is carefully balanced to ensure that the additives do not severely reduce the oil-to-air ratio in the oil-mist system, which might prevent adequate lubrication of the machine elements. ENMIST EP is fortified with anti-wear and EP agents that provide highly effective protection, especially for heavily loaded bearings and gears, such as those used in the metal rolling industry. The advanced, proprietary, technology of Esso ENMIST EP has been proven in field and laboratory tests to lubricate and protect equipment over a wide range of operating temperatures and conditions. Use of Esso ENMIST EP can reduce overall costs by reducing premature bearing and gear failures, cutting repair costs, and extending equipment life. Its low-stray-mist tendencies can significantly improve the quality of the work environment and enhance safety. Care should be taken to use ENMIST EP in accordance with the viscosity-temperature recommendations of the equipment manufacturer. ENMIST EP oils are available in five viscosity grades from ISO VG 100 to 460. Esso ENMIST EP oils are designed for use in all oil mist lubrication systems. Such systems work by dispersing very small droplets of oil in smoothly flowing air, distributing the oil mist to the points of application and mechanically condensing the mist, causing the oil to impinge on and wet the surfaces to be lubricated. The higher viscosity Esso ENMIST EP grades may require thermal misting devices to form proper dispersions when ambient temperatures are moderate or low. Esso ENMIST EP provides dependable performance in the oil-mist lubrication systems of major manufacturers such as Alemite, Bijur, Lubrication Systems Company, Norgren, Trabon and others. It is also suitable for oil/air systems. Specific applications include: Industrial gearing such as cooling tower gearboxes; Slow-speed, heavily-loaded bearings; Machine tools, ways and screws; Process pumps, electric motors and blowers; Steam turbines

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Enmist-EP-100.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	85	85	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	100 cSt	100 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	10.6 cSt	10.6 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-24.0 °C	-11.2 °F	ASTM D97
Flash Point	212 °C	414 °F	ASTM D92

Descriptive Properties	Value	Comments
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Descriptive Properties **Artic Sea Water**

Value

Comments **B**

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