PRODUCT DATA SHEET

BAYAMO-EX 100

GEARBOX OIL (INDUSTRIAL)

AGMA 3 EP; ISO VG 100

Premium Grade Gear and Rear Drive Differential Oil

BAYAMO-EX 100 Industri**al Gear Oil are high performance Extreme Pressure (EP) industrial gear oil used in steering bevel gearbox and water jet bevel gearbox subjected to severe load and shock loading services of AV 8 GEMPITA and other military vehicles**. BAYAMO-EX 100 Industrial Gear Oil Gear Oils are made from paraffinic base stocks and contain a carefully balanced additive package to help provide maximum gear protection and long lubricant life. The sulfur-phosphorus extreme pressure additives used in BAYAMO-EX 100 Industrial Gear Oil Gear Oils provide outstanding thermal and oxidation stability In addition; these lubricants are fortified with rust and corrosion inhibitors, a foam inhibitor, and a pour point depressant. The sulfur-phosphorus extreme pressure additives in BAYAMO-EX 100 Industrial Gear Oil Gear Oils minimize the spalling and wear of gears by creating a micro thin sacrificial film on the surface of the gear teeth which is actually softer than the gears themselves. Frictional heat and pressures between tooth surfaces cause the sulfur-phosphorus to react with the surface of the gear teeth at the point of contact, thus creating the sacrificial film. The highly refined base stocks and various inhibitors in the additive package help assure a well-balanced lubricant and long gear and bearing life BAYAMO-EX 100 Industrial Gear Oil Gear Oils are recommended for use in many spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings. Their multi-viscosity characteristics allow their use in equipment operating over a broad ambient temperature range. This means good cold flow properties and gear protection. **It is free from defects and contamination**.

PRODUCT NAME : BAYAMO-EX 100

Conform to PERFORMANCE requirement of:

- AGMA 3EP
- ISO VG 100
- DIN 51517 PART 3
- U.S. Steel 224

PRODUCT SPECIFICATION

Characteristics	Test method	ISO VG 100
Kinematic Viscosity mm/s, @ 40^{O}C	ASTM D 445	100.4
Kinematic Viscosity mm/s, @ 100^{O}C	ASTM D 7042	12.63
Viscosity Index	ASTM D 2270	120.1
Flash Point, ^{O}C	ASTMD 92	300
Pour Point, ^{O}C	ASTMD 97	-30

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209 L

18 L

4 L

1 L

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