

PLUTUS GX INDUSTRIAL GEAR & BEARING OIL

Product Description:

Plutus GX Industrial Gear & Bearing Oil is a premium performance, fully synthetic industrial oil based on high performance additives and polyalphaolefin (PAO) and ester technology that enhance oxidation stability, improve foam control, maintain superior stability in the presence of water, and provide protection against rust, corrosion, and wear. Synthetic base oils provide longer oil life over conventional mineral oils.

Plutus GX Industrial Gear & Bearing Oil has a naturally high viscosity index (VI) compared to mineral oils, providing lower viscosity at lower temperatures and higher viscosity at higher temperatures. This high VI allows the oil to flow at cold temperatures so equipment will start. It also means viscosity will be maintained at high temperatures to provide wear protection.

Applications / Benefits:

- Naturally high viscosity index, improved low-temperature fluidity, lower operating temperatures.
- Superior anti-wear properties, low traction coefficient, reduced power consumption.
- Better high-temperature oxidation stability, extended lubricant life.
- Outstanding anti-rust and corrosion properties. Improved foam control Superior stability in presence of water (hydrolytic stability and demulsibility).

Typical Characteristics:

Test Description	Method	100	150	220	320	460	680
ISO Viscosity Grade	-	100	150	220	320	460	680
Specific Gravity @ 15 °C	ASTM D 4052	0.854	0.859	0.898	0.911	0.920	0.888
Flash Point, °C	ASTM D 92	235	234	246	250	258	260
Pour Point, °C	ASTM D 97	-45	-36	-33	-30	-27	-24
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	97.0	154.5	213	317	469	667
cSt @ 100°C	ASTM D 445	13.7	21.9	29.1	40.9	56.1	74.6
Viscosity Index	ASTM D 2270	144	168	177	183	188	192
Color	ASTM D 1500	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0

Specifications, Approvals & Recommendations:

- AGMA 9005-F16 AS
- David Brown S1.53.101 Type M, A & E
- DIN 51517 Part 1, 2 & 3
- Fives Cincinnati EP Gear Oils
- GM LS 2 EP Gear Oil
- ISO 12925-1 CKC/CKD
- U.S. Steel 224

Issued by HPURE Lubricant SG Tel: +65 6861 1157 www.hpure-lube.com

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