

PRODUCT INFORMATION

ECOSE[®] SYNTHETIC HT GEAR & BEARING OIL

ECOSE[®] Synthetic HT Gear & Bearing Oils are synthetic gear and bearing lubricants for *high temperatures* with long service life. They offer outstanding oxidation resistance to minimize sludge and varnish formations. ECOSE[®] Synthetic HT Gear & Bearing Oils are high quality rust and oxidation inhibited, synthetic oils fortified with ashless anti-wear additives for excellent gear and bearing protection. They are designed for superior performance in a wide variety of applications.

FEATURES AND BENEFITS:

ECOSE[®] Synthetic HT Gear & Bearing Oils series is designed to withstand sustained extreme temperatures over a long service life.

- Excellent oxidation resistance and thermal stability
- Excellent rust and corrosion protection
- Excellent lubrication flow characteristics over very wide temperature range
- Extremely low pour point
- Designed to improved efficiencies in compress and gearbox

APPLICATIONS:

ECOSE[®] Synthetic HT Gear & Bearing Oils are recommended for non-EP type gear and R&O bearing service where excellent lubrication is required over a very long service life, including temperature extremes. They are designed for very long service drain intervals. They are also well suited for use in oil-flooded rotary screw compressors.

AVAILABILITY:

ECOSE[®] Synthetic HT Gear & Bearing Oils are available throughout Nu-Tier Brand’s marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @1-877-771-LUBE (5823) or visit Nu-tierbrands.com.

Typical Properties

ISO Viscosity Grade		68	100	150	220	320	460	680
Product Code	Test Method	543801	543802	543803	543804	543805	543806	543807
Viscosity, cSt @ 40°C	ASTM D-445	67.0	96.7	152.1	215	320	455	680
Viscosity, cSt @ 100°C	ASTM D-445	11.6	13.5	18.9	26	40	45	61
Viscosity Index	ASTM D-2270	145	150	150	160	160	160	160
Flash Point, COC, °F (°C)	ASTM D-92	473(245)	473(245)	482(250)	482(250)	482(250)	482(250)	482(250)
Pour Point, °F (°C)	ASTM D-97	-49(-45)	-40(-40)	-40(-40)	-40(-40)	-40(-40)	-40(-40)	-40(-40)
Oxidation Life, Hours		>10,000	>10,000	>10,000	>10,000	>10,000	>10,000	>10,000