



Lotus Lubes™ Hyper Premium Turbine Oil

PRODUCT DESCRIPTION

LOTUS Lubes™ Hyper Premium Turbine Oils are rust and oxidation inhibited industrial oils specifically engineered for lubrication of medium and heavy-duty, high temperature gas, steam, and hydraulic turbine systems. **LOTUS Lubes™ Hyper Premium Turbine Oils** offer superior protection from system rusting due to water contamination and aggressively prevent sludge and deposit formation caused by oil oxidation. Additionally, **LOTUS Lubes™ Hyper Premium Turbine Oil** protect against wear of critical components under sever operating conditions and systems that function under high temperatures and pressure.

LOTUS Lubes™ Hyper Turbine Oils are exclusively formulated from highly-refined, thermally stable, high-viscosity index Group II Base Stocks and then blended with robust performance additives. This formulation delivers the most dependable system performance through long-lasting control of oxidation, sludge, deposits, and wear. **LOTUS Lubes™ Hyper Premium Turbine Oil** provides extended equipment life, maximum service intervals and eliminates unscheduled downtime for maintenance.

FEATURE & BENEFITS

- * Maximum Oxidation Life for Extended Service Intervals
- * Excellent Foam and Demulsibility (water separation) Control
- * Rapid Water Separation and Fast Air Release
- * Filterability Performance in presence of Water and Calcium Contamination
- * Optimum Thermal Stability Under High Heat & Pressure
- * Outstanding Hydrolytic Stability
- * Non-Corrosive to Sliver Bearings
- * Strong Inherent Anti-Wear and Extreme Pressure (EP) Additive Protection for Critical Components
- * Exceeds Industry and OEM Oxidation Requirements for Modified (nitrogen blown) D2272 RPVOT



TYPICAL PHYSICAL PROPERTIES

ISO Grade	32	68	100	150	220
Pour Point °C (°F)	-42 (-43)	-28 (-19)	-18 (0)	-18 (0)	-12 (10)
Flash Point, °C (°F)	218 (424)	251 (484)	258 (496)	272 (521)	278 (532)
Oxidation Hrs, ASTM D-943	>12,000	>11,000	>11,000	>11,000	N/A
Viscosity Index	102	102	102	102	102
Viscosity cSt @ 40°C	34.8	66.9	104.9	154.1	221.6
Viscosity cSt @ 100°C	5.8	8.7	12.4	16.36	20.9
Gravity, API @ 60°F	31.7	30.1	30.4	30.2	29.6
Color, ASTM D1500	L1.5	L2.5	L2.5	L3.0	L3.0

Minor variations in typical physical properties may occur from normal manufacturing processes

APPLICATIONS

LOTUS Lubes™ Hyper Premium Turbine Oil meets and exceeds the following performance specifications:

- * General Electric GEK 32568E/F, GEK 107395
- * Solar Turbines ES 9-224
- * Alston HTGD 90117, HTGD 117E
- * DIN 51524 Part 1 & 51515
- * British Standard 489