



# Lotus Lubes™ Hyper Supreme Compressor Oil

**PRODUCT DESCRIPTION**

**LOTUS Lubes™ Hyper Supreme Compressor Oils** are premium multi-purpose industrial lubricants formulated to provide ultimate protection and peak performance in heavy-duty compressors, industrial vacuum pumps, and vacuum cooling systems. LOTUS Lubes™ Supreme Compressor Oils offer active protection from system rusting due to water contamination and aggressively prevent sludge and carbon deposit formation caused by oil oxidation. Additionally, **LOTUS Lubes™ Hyper Supreme Compressor Oil** protects against wear of critical components for systems operating under severe conditions and that function under high-temperatures and pressures.

**LOTUS Lubes™ Hyper Supreme Compressor Oils** are exclusively formulated from highly-refined, thermally stable, Group II Base Stocks and blended with proprietary High-Performance Additives. Produced at our ISO 9001-2008 certified manufacturing facility, **LOTUS Lubes™ Hyper Supreme Compressor Oils** offer dependable system performance through long-lasting control of oxidation, moisture build-up, evaporation loss, and component wear. **LOTUS Lubes™ Hyper Supreme Compressor Oil** provides extended equipment life, maximum service intervals and reduces unscheduled downtime due to equipment maintenance.

**FEATURE & BENEFITS**

- \* Proprietary Anti-Wear and Extreme Pressure (EP) Additive Protection for Critical System Components
- \* Non-Corrosive to delicate Silver, Copper, and Copper-Lead Bearings
- \* Optimum Produce Cooling Performance, even at High-Temperatures
- \* Delivers Optimum Transfer of Heat from Pumps
- \* Maximum Resistance to Rust, Sludge, and Carbon Deposit Formation
- \* Maximizes Equipment Service Life
- \* Highly-Refined Base Stocks Ensure Consistent Lubricant Film Strength and Viscosity Stability
- \* Special Oxidation Inhibitors Deliver Extended Service Intervals
- \* Excellent Foam and Demulsibility (Water Separation) Control under Severe Operation
- \* Rapid Water Separation For Easy Drain-Off
- \* Active Foam Inhibitors Optimize Filtration Performance and Rapid Air Release
- \* Optimum Thermal Stability Under High Heat & Pressure
- \* Exceeds OEM Oxidation Stability Requirements for Modified (nitrogen blown) D2272 RPVOT
- \* Ashless (Zinc-Free) Formulation Protects against Environmental Contamination
- \* Filtered through 5 micron system to ensure optimum lubricant purity
- \* Outstanding Hydrolytic Stability for long-lasting performance



**TYPICAL PHYSICAL PROPERTIES**

ISO Grade	32	100	150	220
Pour Point °C (°F) (ASTM D97)	-42 (-43)	-18 (0)	-18 (0)	-12 (10)
Flash Point, °C (°F) (ASTM D92)	218 (424)	258 (496)	272 (521)	278 (532)
Oxidation HRS (ASTM D943)	>12,000	>11,000	>11,000	>5500
Viscosity Index (ASTM D2270)	102	102	102	102
Viscosity cSt @ 40°C	34.8	104.9	154.1	221.6
Viscosity cSt @ 100°C	5.8	12.4	16.36	20.9
Gravity, API @ 60°F	31.7	30.4	30.2	29.6
Color, ASTM D1500	L1.5	L2.5	L3.0	L3.0

Minor variations in typical physical properties may occur from normal manufacturing processes. Consult with compressor /vacuum pump manufacturer for recommended viscosity grade. **LOTUS Lubes™ Hyper Supreme Compressor Oil** is not recommended for use with direct contact with chemically active gases. These may include sulphuric acid, oxygen, chlorine, sulphur dioxide, hydrogen sulphide, or hydrogen chloride

**APPLICATIONS**

**LOTUS Lubes™ Hyper Supreme Compressor Oil** is recommended for the following applications:

- \* Gas and Steam Turbines, ASTM D4304, British Standard 489 (ISO 100)
- \* Rotary Screw, Rotary Lobe, & Liquid Ring Vacuum Pumps
- \* Air Compressors
- \* Blowers
- \* Circulating, Splash & Air Line Lubrication Systems