

DESCRIPTION

ShockSorb Lubricants are full synthetic industrial lubricant designed for gearboxes and other mechanically loaded systems operating under severe duty, shock loading, and vibration. Formulated with synthetic base oils, viscosity index improvers, and advanced extreme-pressure additives, it provides reliable anti-wear protection, oxidation stability, corrosion resistance, and friction reduction. Excellent thermal and shear stability maintain consistent film strength across a wide range of temperatures and operating conditions, helping protect gears, bearings, and load-bearing components while extending service life and reducing maintenance requirements in demanding industrial environments. It is suitable for use in a wide range of industrial applications where durability, load-carrying capability, and operational reliability are critical.

APPLICATIONS

ShockSorb is engineered for use in all industrial enclosed gear systems and applications requiring an AGMA-specified extreme pressure (EP) lubricant.

- Diverse industrial sectors including oil and gas, mining, construction, marine, and general operations
- Critical equipment such as pumps, gearboxes, and hydraulic systems for effective lubrication of seals, bearings, and moving components


ADVANTAGES & BENEFITS

- **Superior Thermal & Shear Stability:** Resists degradation up to 350°F, ensuring long service life in high-heat, high-shear drilling applications.
- **Exceptional EP Performance:** Strong film strength protects gears and bearings under heavy loads, extending equipment life.
- **Advanced Anti-Wear:** Minimizes wear on seals, bearings, and components, reducing maintenance and downtime.
- **Robust Oxidation Resistance:** Maintains oil integrity in oxygen-rich settings, extending maintenance intervals.
- **Corrosion Protection:** Shields steel, brass, and yellow metals from rust in harsh, corrosive environments.
- **Excellent Water Resistance:** Resists foam and emulsions, ensuring reliable lubrication in wet conditions.
- **Adhesive Formulation:** Reduces splatter for consistent lubrication and cleaner operations.
- **Broad Compatibility:** Protects diverse materials (steel, brass, Kevlar, rubber) for versatile equipment use.
- **Friction Reduction:** Lowers frictional losses, enhancing energy efficiency and reducing heat.
- **Versatile Applications:** Ideal for gearboxes, pumps, and hydraulic systems in oil and gas, mining, construction, and marine operations.

HEALTH & SAFETY

This product is not anticipated to pose any adverse health risks when used as intended.

For additional details, refer to separate Safety Data Sheets, available upon request.

TECHNICAL DATA/TECHNICAL PROPERTIES

Properties	ShockSorbLT	ShockSorb
Color	Blue	Blue
Viscosity @ 40 °C, cSt	220	460
Viscosity Index	171	191
Pour Point, °C(°F)	-39 (-38)	-33 (-27)
Flash Point, °C(°F)	>220 (428)	>220 (428)
Demulsibility @ 54 °C	Pass	Pass
FOAM Sequence II	Pass	Pass
Steel Corrosion, ASTM 665 A & B	Pass	Pass
4-Ball EP, ASTM D2783	250	250
4-Ball Wear, ASTM D4172	<0.40	<0.40

*All properties are typical and may vary.

Always adhere to the manufacturer's guidelines for the correct equipment fluid. Lubchem Specialties is not liable for any misuse of the product or improper application.