

DESCRIPTION

ShockSorb 8A is a high-performance synthetic blend enclosed gear oil engineered for gearboxes and mechanically loaded systems operating under severe duty, including high loads, shock loading, vibration, and reversing motion. It is formulated with synthetic base oils, viscosity index improvers, and advanced extreme-pressure additives to deliver excellent load-carrying capability, anti-wear protection, and friction reduction. The lubricant provides outstanding thermal, oxidative, and shear stability to maintain consistent film strength across a wide range of operating temperatures and conditions. Enhanced corrosion resistance helps protect gears, bearings, and other critical load-bearing components while extending service life and reducing maintenance requirements. **ShockSorb 8A** is ideal for surface mining, mineral processing, and other severe industrial applications and meets the requirements of DIN 51517-3.

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	ShockSorb 8A
Color	Blue
Viscosity @ 40 °C, cSt	1000
Viscosity Index	161
Pour Point, °C(°F)	-15 (6.8)
Flash Point, °C(°F)	>210 (410)
Demulsibility @ 54 °C	Pass
FOAM Sequence II	Pass
Copper Corrosion, ASTM D130	1B
Steel Corrosion, ASTM D665 A & B	Pass
4-Ball EP, ASTM D2783	400
4-Ball Wear, ASTM D4172	<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.