

DESCRIPTION

FracPack® XD Lubricants are synthetic-blend frac pump packing lubricant gels designed for reliable performance in severe hydraulic fracturing and high-load industrial environments. The formulation resists aggressive chemicals, including hydrochloric acid and N-methyl-2-pyrrolidone, providing consistent protection for critical pump components. A proprietary blend of premium mineral and synthetic base oils and advanced additives deliver effective anti-wear protection, oxidation stability, corrosion inhibition, extreme-pressure capability, and friction reduction.

FracPack® XD Lubricants are compatible with common rod and packing materials—such as steel, brass, Kevlar®, elastomers, graphite, and PTFE—supporting extended component service life. Optimized pumpability, adhesion, and flow characteristics ensure dependable lubrication across a wide range of demanding industrial applications.

APPLICATIONS

- **Specialized for Frac Pumps:** Excels in hydraulic fracturing, protecting components under extreme conditions.
- **Versatile Applications:** Suitable for oil and gas, mining, construction, marine, and industrial systems.
- **Broad Equipment Use:** Lubricates seals, bearings, and moving parts in pumps, gearboxes, and hydraulic systems.
- **Harsh Environment Performance:** Ensures reliability in corrosive, high-temperature, or demanding settings.

ADVANTAGES & BENEFITS

- **High Thermal Stability:** Maintains lubricant integrity at temperatures up to 350°F, minimizing thermal degradation in elevated-heat operating conditions.
- **Enhanced Film Strength:** Provides robust extreme-pressure protection to support component durability under heavy and shock loading.
- **Water and Foam Resistance:** Resists water washout, foaming, and emulsion formation, ensuring consistent lubrication in wet environments.
- **Corrosion and Rust Protection:** Non-corrosive to yellow metals and highly effective at preventing rust in corrosive operating conditions.
- **Material Compatibility:** Compatible with steel, brass, Kevlar®, and elastomers, preserving component integrity and service life.
- **Anti-Wear Performance:** Reduces surface wear, supporting extended maintenance intervals and improved equipment reliability.
- **Oxidation Stability:** Resists oxidative breakdown, delivering long-term performance in oxygen-rich environments.
- **High Adhesion Properties:** Adheres to metal surfaces to minimize sling-off and lubricant loss while maintaining clean application areas.

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	FracPack XD-WG	FracPack XD
Color	Blue	Blue
Viscosity @ 40 °C, cSt	220	460
Viscosity Index	131	141
Pour Point, °C(°F)	-30 (-22)	-25 (-13)
Flash Point, °C(°F)	>210 (410)	>210 (410)
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	<0.45	<0.45

*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.