

DESCRIPTION

FracPack® Grease is a premium, homogeneous, buttery semi-fluid grease designed for high-load anti-friction and plain bearings, as well as extreme hydraulic fracturing operations. Formulated with highly refined petroleum or premium synthetic base oils, viscosity index improvers, and advanced additives, it provides superior extreme pressure (EP), anti-wear, anti-oxidation, corrosion inhibition, and friction reduction performance. Engineered for frac pump packing, it resists aggressive chemicals such as hydrochloric acid and N-methyl-2-pyrrolidone (NMP), delivering reliable protection for plungers, packings, and critical components under intense pressure, temperature, and fluid exposure. Suitable for broad industrial applications to enhance equipment life and operational reliability.

APPLICATIONS

- **Hydraulic Fracturing:** Specialized for frac pumps, protecting plungers, packings, seals, and components under extreme pressure, temperature, and chemical exposure.
- **Industrial Sectors:** Suitable for oil & gas, mining, construction, marine, and general industrial applications.
- **Equipment Types:** Lubricates anti-friction/plain bearings, seals, and moving parts in pumps, frac pumps, gearboxes, and hydraulic systems.
- **Harsh Conditions:** Provides reliable performance and extended life in corrosive, high-temperature, or severe environments.


ADVANTAGES & BENEFITS

- **Excellent Thermal Stability:** Performs reliably up to 350°F, preventing thermal degradation in high-heat environments.
- **Superior Film Strength:** Offers strong extreme pressure protection, extending equipment life under heavy loads.
- **Advanced Water Resistance:** Resists foam and emulsions, maintaining performance in wet conditions.
- **Robust Corrosion Protection:** Non-corrosive to yellow metals, highly effective against rust in harsh environments.
- **Broad Material Compatibility:** Protects materials like steel, brass, Kevlar, and rubber, ensuring durability.
- **Outstanding Anti-Wear Properties:** Minimizes wear, reducing maintenance and downtime for better reliability.
- **Strong Oxidation Resistance:** Resists breakdown, ensuring long-term stability in oxygen-rich settings.
- **Highly Adhesive Formulation:** Reduces splatter, ensuring consistent lubrication and cleaner work areas.
- **Versatile Industrial Application:** Flows well, adaptable for diverse lubrication needs beyond frac pumps.
- **Cost-Efficient Performance:** Prolongs equipment life, lowers maintenance costs, and optimizes efficiency.

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 0	FracPack 00	FracPack 000
Color	Green/Blue	Green/Blue	Green/Blue
Thickener	Lithium Complex	Lithium Complex	Lithium Complex
Base Oil Viscosity @ 40 °C, cSt	460	460	460
Penetration, ASTM D217	355-385	400-430	445-475
Copper Corrosion, ASTM 4048	1b	1b	1b
4-Ball EP, ASTM D2783	315	315	315
4-Ball Wear, ASTM D4172	<0.44	<0.44	<0.44

*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.