

**DESCRIPTION**

**FracPack® Grease** is a premium, semi-fluid, buttery lubricant engineered for extreme-duty hydraulic fracturing pump packing, plungers, and high-load bearings in demanding industrial applications. Formulated with highly refined petroleum or premium synthetic base oils and advanced additives, it provides superior extreme pressure, anti-wear, anti-oxidation, friction reduction, and corrosion inhibition performance. It operates reliably up to 375°F (190°C) with excellent low-temperature pumpability, while its highly tacky, adhesive consistency ensures easy pumping, strong stay-in-place properties, and minimal mess or sling-off. The grease resists aggressive frac chemicals such as hydrochloric acid and N-methyl-2-pyrrolidone, offers broad compatibility with brass, Teflon, Kevlar, rubber, graphite, and elastomers, and delivers versatile performance in high-load, high-temperature, and chemically harsh environments.

**APPLICATIONS**

**FracPack® Grease** is specified for use in:

- **Hydraulic Fracturing:** Specialized for frac pumps — protects plungers, packings, seals, and fluid-end components under extreme pressure, temperatures up to 375°F (190°C), and aggressive chemical exposure (HCl, NMP, completion fluids).
- **General Industrial & Harsh Environments:** Anti-friction/plain bearings, seals, and moving parts in pumps, gearboxes, hydraulic systems; suitable for oil & gas, mining, construction, marine, and other severe-service applications requiring high-load, high-temperature, corrosion-resistant, and chemically stable lubrication.


**ADVANTAGES & BENEFITS**

- **Optimized Rheology:** balanced pumpability and high adhesiveness for reliable application and superior stay-in-place on frac pump fluid ends and packing.
- **Temperature Range:** Continuous service up to 375°F (190°C) with excellent low temperature pumpability.
- **Extreme Pressure & Anti-Wear:** High film strength and EP protection; significantly reduces wear under heavy loads and shock conditions.
- **Thermal & Oxidative Stability:** Outstanding resistance to thermal breakdown and oxidation at elevated temperatures.
- **Water Resistance:** Advanced hydrophobicity; resists emulsification, foaming, and washout in wet/completion-fluid environments.
- **Corrosion Protection:** Robust rust inhibition; non-corrosive to yellow metals (copper, brass, bronze) and effective on ferrous components.
- **Material Compatibility:** Safe for steel, brass, Kevlar® packing, elastomers, and rubber components.
- **Adhesive & Low-Sling Properties:** Minimizes splatter, mess, and cleanup while maintaining consistent lubrication.
- **Versatility:** Suitable for diverse industrial applications requiring high adhesion, EP performance, and thermal stability beyond frac service.

**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	00	000
Color	Green/Blue	Green/Blue
Thickener	Lithium Complex	Lithium Complex
Base Oil Viscosity @ 40 °C, cSt	414 - 504	160 - 220
Pour Point, 40 °C (°F)	- 30 (- 22)	- 45 (-49)
Penetration, ASTM D217	440 - 485	440 - 485
Copper Corrosion, ASTM 4048	1b	1b
4-Ball EP, ASTM D2783	315	315
Water Solubility	None	None

\*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.