



Technical Data Sheet

Longlife 111

Multi-Purpose Valve Lubricant

Description:

Longlife 111 is designed for use in valves under arctic conditions (to -75 F). Longlife 111 is extremely resistant to hydrogen sulfide and will not mix with water, preventing freeze-up in the valve. Because it provides good metal protection and is particularly water resistant, it is the recommended lubricant for frac valves.

Applications:

Longlife 111 can be used in the presence of diesel fuel, gas and well condensate, hydrogen sulfide, CO₂, sour crude and standard crude. Recommended for frac valves.

Features:

- Insoluble in hydrocarbons
- Reduces operating torque up to 50%
- 100 % synthetic
- High metal adhesion
- Inhibited for H₂S and CO₂
- Fully additive treated

Physical Properties:

- ColorBlack, smooth
- Temperature Range-75 to 350°F
- Consistency, Cone Penetration (D-217) 320 to 330
- Drop Point, °C None
- Thickeners Inorganic

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