



# FJ23

## FRACJACK GRAPHITE

### PRODUCT DESCRIPTION

FJ23 FracJack Graphite is a premium, general-purpose, high temperature graphite grease. Formulated for frac applications, FJ23 protects threads and provides sealing over a wide range of temperatures. It is especially suitable for moderate loads and speeds at normal or high temperature service. FJ23 is compounded with graphite for added residual lubricity and extreme pressure properties. An application of FJ23 provides a lubricating film that prevents friction caused by metal-to-metal contact thereby extending the life of the frac valve.

FJ23 contains no metals making it ideal for applications where make-up torque does not require the presence of a metallic compound. It is water-resistant and contains additives for added protection against rust and corrosion. FJ23 has excellent mechanical stability and retains its consistency under high temperatures.

### APPLICATION

Applications for FJ23 FracJack Graphite are valve manufacturers, valve rebuilders, and frac locations that require multi-stage greasing.

Additional applications include plug valves, gate valves, high-pressure valves, high-temperature valves, low-pressure valves, wellheads, ball valves, hand-operated valves, motor-operated valves, close tolerance valves, and large bore valves.

Apply FJ23 using a grease gun, hand-operated or air-operated lubricator.

### RELATED PRODUCTS

- FJ21 FracJack SandGuard
- FJ22 FracJack Valve Last
- FJ24 FracJack Peanut Butter

### TYPICAL OBSERVATIONS

Color	Black
Texture	Grainy
Density, lb/gal @ 77°F (25°C)	7.75
Specific Gravity, @ 77°F (25°C)	0.928
Dropping Point, ASTM D-2265	390°F (199°C)
Flash Point, ASTM D-92	>400°F (204°C)
Penetration, ASTM D-217	
Worked @ 77°F (25°C)	280
Oil Separation,	
ASTM D-1742 @ 77 F (25 C)	Nil
Base Oil Viscosity,	
cSt @ 100°F (37°C)	170
Brushable To	10°F (-12°C)
Shelf Life (unopened container)	Two years

### BENEFITS

- Water-resistant
- High temp service
- Graphite provides added lubricity
- Prevents metal-to-metal contact
- Protects against rust and corrosion
- Retains consistency under high temperatures
- Non-metallic
- Extends the life of the frac valve

- ▶ FRAC
- ▶ FLUSH
- ▶ ARCTIC
- ▶ STORAGE
- ▶ SEALANTS
- ▶ CLEANERS
- ▶ ASSEMBLY
- ▶ BALL VALVE LUBRICANTS
- ▶ GATE VALVE LUBRICANTS
- ▶ PLUG VALVE LUBRICANTS
- ▶ STICK PACKING



Liquid-O-Ring®\*

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