

171AG

GRAPHITE GREASE

For Low Temperature Service

PRODUCT DESCRIPTION

171AG Graphite Grease for Low Temperature Service is a general-purpose graphite grease formulated for service in low temperature environments. It is formulated for use as a valve body fill grease on gate valves, wellheads, or frac valves while in service or in storage. It is compounded with a low temperature grease carrier, synthetic natural graphite, and additives to provide lubrication and protection to a wide range of oilfield valves. The low temperature characteristics provide easy application and smooth operation under extreme low temperature operations.

APPLICATION

Areas of application for 171AG Graphite Grease include gate valves, wellheads, frac valves, ball valves, and plug valves either in moderate service or in storage. It can also be used to lubricate gaskets, drive chains, bull plugs, and as a thread compound on light drilling operations, water well drilling, or on pump columns.

Other areas of application include farm, mining, and construction equipment, oil and chemical refineries, rig equipment, downhole tools and instruments, and automotive engine parts.

RELATED PRODUCTS

155M High Temperature Machinery Lubricant with moly
157 LubriMax
158M High Temperature Inorganic Grease with moly
171 High Temperature Graphite Grease

TYPICAL OBSERVATIONS

Color	Black
Texture	Smooth
Density, lb/gal @ 77°F (25°C)	8.09
Specific Gravity, @ 77°F (25°C)	0.969
Dropping Point, ASTM D-2265	>500°F (260°C)
Flash Point, ASTM D-92	>400°F (204°C)
Penetration, ASTM D-217 Worked @ 77°F (25°C)	290–300
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Base Oil Viscosity, cSt @ 104°F (40°C)	260
Pumpable To	-30°F (-34°C)
Shelf Life (unopened container)	Two years

BENEFITS

- Water resistant
- Low temperature service
- Graphite provides added lubricity
- Excellent mechanical stability
- Prevents freezing of valves
- Prevents metal-to-metal contact
- Protects against rust and corrosion
- Non-metallic
- Extends valve life

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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The product information and specifications listed in this publication are constantly being updated to keep up with government regulations and technology changes. Please visit our website, www.oilcenter.com, or contact your Account Representative for the most current information relating to this product.