



# 171

## HIGH TEMPERATURE GRAPHITE GREASE

- GEAR OILS
- MOTOR OILS
- HYDRAULIC OILS
- PIPE COATINGS
- THREAD SEALANTS
- BEARING GREASES
- SPECIALTY GREASES
- THREAD COMPOUNDS
- SUCKER ROD COATINGS
- OUTSIDE PRESERVATIVES
- WIRELINE GREASE SEALS
- CLEANERS & DEGREASERS
- PIPE STORAGE COMPOUNDS
- RUST & CORROSION INHIBITORS
- THREAD LOCKING COMPOUNDS
- VALVE LUBRICANTS & SEALANTS
- TOOL JOINT & DRILL COLLAR COMPOUNDS

### PRODUCT DESCRIPTION

171 High Temperature Graphite Grease is a premium, general-purpose, high temperature graphite grease. Formulated for industrial applications, 171 High Temperature Graphite Grease protects threads and provides sealing over a wide range of temperatures and areas of application. It is especially suitable for moderate loads and speeds at normal or high temperature service. 171 High Temperature Graphite Grease is compounded with graphite for added residual lubricity and extreme pressure properties. An application of 171 High Temperature Graphite Grease provides a lubricating film that prevents friction caused by metal-to-metal contact thereby extending tool life.

171 High Temperature Graphite Grease 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. 171 High Temperature Graphite Grease has excellent mechanical stability and retains its consistency under high temperatures.

### BENEFITS

- Water resistant
- High temp service
- Graphite provides added lubricity
- Excellent mechanical stability
- Services heavy industrial machinery
- Prevents freezing of valves
- Prevents metal-to-metal contact
- Protects against rust and corrosion
- Retains consistency under high temperatures
- Non-metallic
- Extends tool life

### 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)	290–300
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Base Oil Viscosity, cSt @ 40°C	170
Brushable To	10°F (-12°C)
Shelf Life (unopened container)	Two years

### APPLICATION

Application of 171 High Temperature Graphite Grease includes lubrication of valves, gaskets, couplings, water well casing, nipples, bull plugs, packings, gears, pipe threads, light duty drilling, high temperature bearings, drive chains, bull plugs, cams, pipe storage, and industrial machine parts.

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
- 155MSYN High Temperature Synthetic Machinery Lubricant with moly
- 157 LubriMax
- 157L LubriMax with LIQUILON®
- 158M High Temperature Inorganic Grease with moly
- 158MSYN High Temperature Synthetic Inorganic Grease with moly
- 171L High Temperature Graphite Grease with LIQUILON



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