



766

CO₂ RESISTANT WIRELINE GREASE SEAL

PRODUCT DESCRIPTION

766 CO₂ Resistant Wireline Grease Seal is formulated to protect wireline cable from the corrosive effects associated with carbon dioxide (CO₂) operations. The problems associated with hydrocarbon-based material exposed to CO₂ necessitated the development of a wireline grease seal resistant to these adverse conditions.

766 CO₂ Resistant Wireline Grease Seal is manufactured with totally synthetic materials (Polydimethyl Siloxane) inherently resistant to CO₂ and H₂S. It provides the desired seal, adhesion, and lubrication properties favorable to wireline operations exposed to a CO₂ environment.

766 CO₂ Resistant Wireline Grease Seal is more resistant to viscosity change with varying temperatures than hydrocarbon-based wireline products. 766 CO₂ Resistant Wireline Grease Seal is available in 10, 12, 16, 20, 24, and 28 viscosities, having a density of 1 g/ml @ 24 viscosity.

APPLICATION

766 CO₂ Resistant Wireline Grease Seal recommended applications include grease injection control heads in CO₂ operations and cable lubricators.

TYPICAL OBSERVATIONS

	766/10	766/12	766/16	766/20	766/24	766/28
Color	Green	Green	Green	Green	Green	Green
Density Range, lb/gal @ 77°F (25°C)	8.10–8.40	8.10–8.40	8.10–8.40	8.10–8.40	8.10–8.40	8.10–8.40
Specific Gravity Range, @ 77°F (25°C)	0.970–1.006	0.970–1.006	0.970–1.006	0.970–1.006	0.970–1.006	0.970–1.006
Flash Point, ASTM D-92	>500°F (>260°C)	>500°F (>260°C)	>500°F (>260°C)	>500°F (>260°C)	>500°F (>260°C)	>500°F (>260°C)
Viscosity, cSt @ 40°C	200–300	600–700	1,350–1,650	5,000–6,000	8,000–10,000	10,500–14,000
Pour Point, ASTM D-97	-58°F (-50°C)	-58°F (-50°C)	-55°F (-48°C)	-55°F (-48°C)	-51°F (-46°C)	-51°F (-46°C)
Rust Preventive Test, ASTM D-3603 @ 140°F (60°C)	Pass	Pass	Pass	Pass	Pass	Pass
Shelf Life (unopened container)	Four years	Four years	Four years	Four years	Four years	Four years

BENEFITS

- Inert and not affected by CO₂ and H₂S commonly found in wells
- Resists corrosive effects of other downhole chemicals
- Less viscosity change with temperature
- Low surface tension
- Chemically inert
- Excellent oxidation and thermal stability
- Increases wireline life
- Economical

RELATED PRODUCTS

766B CO₂ Resistant Wireline Grease Seal (blue)
 766R CO₂ Resistant Wireline Grease Seal (red)
 766A Low Temperature Wireline Grease Seal

When alternating between petroleum and silicone wireline products, tanks must be cleaned thoroughly or gelling will occur.

776/41® Wireline Grease Seal is recommended for use in wireline operations exposed to H₂S environment.

- ANTI-SEIZE/EXTREME TEMPERATURE COMPOUNDS
- CLEANERS & DEGREASERS
- MULTI-PURPOSE GREASES
- PIPE COATINGS
- PIPE STORAGE COMPOUNDS
- PUMP PACKINGS
- RUST AND CORROSION INHIBITORS
- SPECIALTY FLUIDS
- SPECIALTY LUBRICANTS
- SPECIALTY SEALANTS
- SPECIALTY OILS & ADDITIVES
- THREAD COMPOUNDS (DRILLING/TOOL JOINT, TUBING/CASING)
- THREAD LOCKING COMPOUNDS
- THREAD SEALANTS
- VALVE LUBRICANTS, SEALANTS AND CLEANERS
- WIRELINE GREASES & LINE SPRAYS

