



CITGO® Wireline Lubricants

OVERVIEW



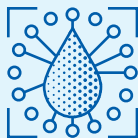
- Premium viscous, tacky lubricants and sealants designed specifically for use in oil and gas well logging operations and other wireline applications where a lubricating dynamic seal is required.
- Formulated with advanced corrosion inhibitors to protect against corrosion in harsh, high-pressure down-hole environments where exposure to moisture, H₂S, and corrosive fluids occurs.
- Available in two viscosity grades for ease of application in high and low temperature climates.

FEATURES & BENEFITS

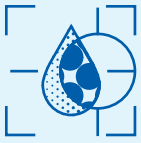


- Excellent sealing capability.
- Excellent adhesion to prevent sling off, splatter, and drip.
- Outstanding protection against corrosion.
- Ease of application.
- Excellent low-temperature performance.

APPLICATIONS



- Recommended as a lubricant/sealant for braided wirelines, cables, and slicklines used in down-hole operations including oil and gas well logging, pipe recovery, and reservoir analysis.

PROPERTIES**Typical Properties for CITGO Wireline Lubricants:**

Material Number	637174001	637175001
Grade	5000	10000
Specific Gravity, 60°F	0.872	0.864
Pounds per Gallon	7.26	7.20
Color	1.0	1.0
Appearance	Amber	Amber
Flash Point, °C (°F)	230 (446)	230 (446)
Viscosity:		
cSt at 40°C	5,000	9,200
cSt at 100°C	400	800
Pour Point, °C (°F)	-24 (-11)	-21 (-6)
Rust Test, D-665B	Pass	Pass
Texture	Tacky Liquid	Tacky Liquid

NOTE: These products are NOT designed to be used as wire rope lubricants on draglines, cranes, elevators, shovels, drilling rigs, suspension bridges, or cable stayed bridges.

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