



CITGO WIRELINE LUBRICANTS

Date 04/15

DESCRIPTION: CITGO Wireline Lubricants are 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 occur. CITGO Wireline Lubricants are available in eight grades for ease of application in varying temperature conditions.

QUALITIES: CITGO Wireline Lubricants offer:

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

APPLICATIONS: CITGO Wireline Lubricants are 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 analyses.

TYPICAL PROPERTIES:**CITGO WIRELINE LUBRICANTS**

Material Number	637163001	637167001	637169001	637170001
Grade	68	220	460	680
Specific Gravity, 60°F	0.897	0.895	0.890	0.888
Pounds per Gallon	7.47	7.45	7.41	7.39
Color	0.5	3.5	3.5	4.5
Appearance	Light Amber	Amber	Amber	Amber
Flash Point, °C (°F)	170 (340)	204 (400)	227 (440)	227 (440)
Viscosity				
cSt @ 40°C	68.4	220	460	680
cSt @ 100°C	10.8	22.2	42.6	62.1
Pour Point, °C (°F)	-33 (-27)	-18 (0)	-15 (5)	-12 (10)
Rust Test, D-665B	Pass	Pass	Pass	Pass
Texture	Tacky Liquid	Tacky Liquid	Tacky Liquid	Tacky Liquid
Material Number	37172001	637174001	637175001	637176001
Grade	1500	5000	10000	12000
Specific Gravity, 60°F	0.880	0.872	0.864	0.863
Pounds per Gallon	7.33	7.26	7.20	7.19
Color	5.0	5.5	6.0	L0.5
Appearance	Amber	Amber	Amber	Amber
Flash Point, °C (°F)	230 (446)	230 (446)	230 (446)	174 (345)
Viscosity				
cSt @ 40°C	1,500	5,000	9,200	12000
cSt @ 100°C	120	400	800	1100
Pour Point, °C (°F)	-6 (21)	-3 (27)	-3 (27)	—
Rust Test, D-665B	Pass	Pass	Pass	Pass
Texture	Tacky Liquid	Tacky Liquid	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.