



Lubchem 4I-24 with Formasil

Lubchem 4I is an excellent 24 viscosity lubricating sealant with extra corrosion inhibitors, designed for more effective wireline lubrication and ease of wireline operations. For maximum protection 4I-24 provides an enhanced inhibitor package for applications where H₂S is present.

There are a variety of viscosity grades to select from and special viscosity grades can be manufactured at customers request (24,16,12 &10 are standard viscosities).

Lubchem 4I-24 is recommended for operations where high pressures exist, thus providing better seal retention. In addition to maintaining and holding higher seal pressures. Lubchem 4I-24 will reduce friction of the wireline, thus keeping wear on wireline and flow tubes to a minimum. 4I-24 will help retain higher working pressures, resulting in reducing the loss of condensate, fluids, or gas from the well.

Lubchem 4I is very effective under high shock conditions for the reduction of drip and spatter. The special cohesive and adhesive properties prevent wellsite contaminations.

Lubchem 4I reduces the corrosive effects of acids, caustics, salt water, and hydrogen sulfide (H₂S).

Benefits

- Provides enhanced corrosion package
- Provides both lubrication and sealing
- Protects against corrosion from down hole chemicals
- Prevents loss of well condensates and gasses during wireline operation
- Reduces corrosive effects of H₂S
- Reduces drip and splatter at well location
- Increases wireline life

Application

Lubchem 4I is recommended for braided wireline, cables, and wire rope. It is applied by grease injector control heads and cable lubricators.

4I-24 Typical Observation

Color	Amber
Texture	Tacky Liquid
Odor	Mild
API Gravity @ 60F (15C)	31
Density, lb/gal @ 77F (25C)	7.25
Specific Gravity, @ 77F (25C)	0.869
Flash Point, ASTM D-92	390F(198C)
Pour Point, ASTM D-97	31F(-0.5C)
Viscosity, Kinematic @ 40C, cSt.	10,500-12000
Viscosity Index (IV)	315
Rust -Preventive Test, ASTM D-3603 @140F(60C)	PASS

For additional protection, SGS-700 Series & SGS-800 series are recommended for use in wireline operations exposed to CO₂ and H₂S environments.