

Fastline⁴⁷¹ Defender

Cable Lubricant for Greaseless Wireline Injection Units

PRODUCT DATA SHEET

DESCRIPTION:

Fastline 471 Defender is a thin, pumpable cable lubricant formulated for use in standard "Greaseless" Wireline Injection Units. The product contains a blend of corrosion inhibitors, antioxidants, friction modifiers, and H2S scrubbers to reduce friction, minimize wear, and protect the line from harmful H2S to minimize downtime due to failures and extend cable life. Our proprietary H2S scrubber contains a zinc carboxylate to bond with the H2S.

Fastline 471 Defender adheres to the cable to reduce spill and splatter and maximize protection from harmful H2S gases that permeate through the protective sheath.

APPLICATION:

Fastline 471 Defender offers protection against acids, caustics, saltwater, H2S, and other chemical compounds found downhole. It is also designed to function effectively in low-temperature conditions.

SPECIFICATIONS - Fastline 471 Defender	
Color	Light Amber
Texture	Tacky Liquid
Density, Lbs/Gal @ 77°F (25°C)	6.61
Specific Gravity @ 77°F (25°C)	0.659
Kinematic Viscosity @ 40°C (cSt)	12-16
Kinematic Viscosity @ 100°C (cSt)	3-5
VI	175
Pour Point (°C)	-54
Flash Point (°F/°C)	358/181
Copper Corrosion rating	1B
4-Ball Wear Scar (mm)	0.76
4-ball EP Weld Load (kg)	160
Shelf Life	4 Years