

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