



E-1270EPL

E-1270EPL is a non-toxic, patented, environmentally preferred synthetic oil lubricant, which offers outstanding protection for bright wire rope and strand. **E-1270EPL** has excellent lubrication properties; high dropping point, excellent corrosion resistance and outstanding water wash out resistance. **E-1270EPL** has patented mineralization technology inside. The special compounded ingredients in **E-1270EPL** replace the corrosion process with a mineral formation that forms mineral barrier approximately 50 angstroms deep onto the surface of the metal. The non-drying, pliable feature of the unique patented formulations repels water and provides healing to any subsequent breach of the mineral barrier. Conforms to Mil-G-18458B for wire rope lubricant.

Product:	E-1270EPL	
Use:	Bright wire rope and strand.	
Protection:	Corrosion salt spray test	Fed 791C Method 4001 Mil-G-18458B Sec. 4.6.2
Temperature:	-60° F (per Mil-G-18458B Sec. 4.6.2 flexibility test) to 220° F	
Appearance:	Creamy, tacky, light tan color	
Properties:	Viscosity – Brookfield	125,000 - 175,000 cps
	V.O.C. – EPA Method	None
	Specific Gravity - Gravimetric	0.90
	Dropping Point – ASTM D-2265	> 260°F
	Accelerated Weathering – ASTM G23	Passes, no rust
	Worked Penetration – ASTM-D217	200-350
	Load Wear Index – ASTM-D2596	30 minimum
	Oil Separation – Fed791C, Method 321.3	10% maximum
	Volatile Matter – Mil-G-18458B Sec 4.6.5	2% loss maximum
	Adhesiveness – Mil-G-18458B Sec 4.6.6	95% Retained minimum
	Low Temp Flexibility – Mil-G-18458 Sec 4.6.4	No Cracking
Application:	Pressure injection into wire rope is recommended. Call for information concerning incorporation at point of rope or strand manufacture.	
Coverage:	Usage will vary with rope diameter.	
Clean Up:	Material can be removed from tools with Elisha® Cleaner , a citrus-based cleaner formulated for E-product clean-up of personnel and equipment, or a strong household detergent. Dispose of waste according to applicable state and federal rules and regulations.	
Safety:	Protective gloves and eye protection recommended. Avoid prolonged contact with skin or contact with eyes. Read product MSDS prior to application.	
Odor:	Earthy smell of natural products.	
Shelf Life:	Greater than one year.	
Packaging:	Available in standard five-gallon containers, as well as caulking tubes. Bulk quantities available in 16-gallon drums and 55-gallon drums.	
Environmental:	No toxicity was observed under the conditions of testing. Follow MSDS guidelines.	

DeNOVUS

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