

DeNOVUSTM E-1270EPL

OUT OF THE NEW

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 **Elisha[®]** 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. The mineral remains as an outer layer of the metal even if the **E-1270EPL** coating is removed. 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.	

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