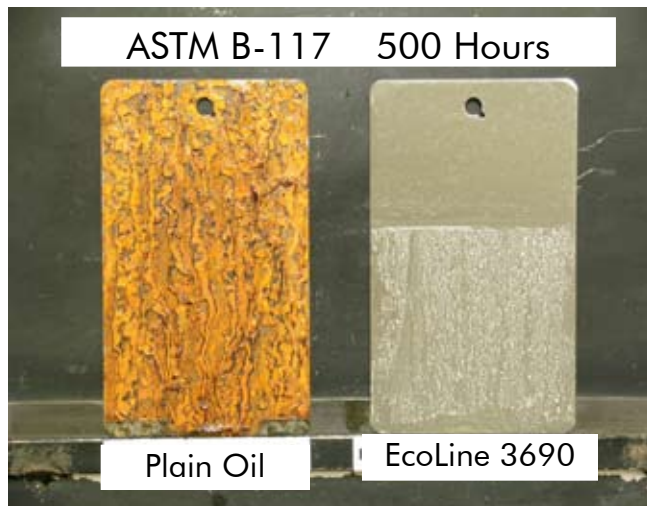




EcoLine[®] 3690, Open Atmosphere Corrosion Inhibitor



PRODUCT DESCRIPTION

EcoLine 3690 is a biodegradable, biobased, ready-to-use temporary coating designed for severe marine and high humidity conditions. When applied on the surface, this product leaves an oily film, which provides excellent outdoor protection on any metal surface. The film is self-healing and moisture-displacing, providing superior protection against aggressive environments.

Based on canola oil, EcoLine 3690 is 76% biobased, and has been awarded the USDA BioPreferredSM designation (www.biopreferred.gov)

FEATURES

- USDA certified biobased product
- Biodegradable
- Contains 76% biobased content
- Non-hazardous, non-toxic
- Excellent indoor and outdoor protection
- Provides multi-metal corrosion protection
- Excellent lubricity
- Temperature stable up to 180°F (82°C)
- Low freezing point 0°F (-18°C)
- Can be applied to painted surfaces
- Meets MIL-PRF-16173E (Grade 2,3)

TYPICAL APPLICATIONS

- Long-term (5+ years) equipment lay-up
- Pipes, couplings, pumps
- Cables
- Sheltered coating
- Gear protectant/lubricant
- Long-term (5+ years) equipment lay-up
- Cylinders
- Working/moving parts
- Meets NACE TM0208-2008



	ASTM	DFT	Carbon Steel (1010)	Aluminum
Humidity	D-1748	1-mil(25 microns)	2000+hr	3000+hr
Salt Spray	B-117	1-mil(25 microns)	500+hr	1000+hr

METALS PROTECTED

- Silver
- Cast Iron
- Stainless Steel
- Copper
- Magnesium
- Aluminum
- Carbon Steel

MINIMUM REQUIREMENTS FOR SURFACE PREPARATION

NACE	SSPC	ARS
4	7-63	As low as B-3

Methods for Monitoring:
Wet Film Thickness Gauge

TYPICAL PROPERTIES

Appearance	Brown/tan viscous liquid
Film Type	Oily
Flash Point	482°F (250°C)
Freezing Point	0°F (-18°C)
Shelf Life	24 months @ 75°F (24°C)
Non-volatile Content	95-100%
VOC	0
Theoretical Spread Rate	500-525 ft ² /gal @ 3 mils (12-13 m ² /l @ 75 microns)
Viscosity	500-2,000cps
Weight per Gallon	7.7-7.9 lb/gal (0.92-0.95 kg/l)

APPLICATION

Product Preparation:

Product should be mixed thoroughly and uniform prior to use.

Product Application:

Product can be applied by spray, brush, roll or dip. Normal DFT is 2 mils (50 microns). Apply EcoLine 3690 in a well-ventilated area.

Product Cleanup:

For cleanup of tools and overspray, use alkaline cleaners such as Cortec VpCI™-414 or mineral spirits

PACKAGING

EcoLine 3690 is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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