



**HIGH PERFORMANCE VpCI™ COATINGS**

# EcoLine® 3690, Open Air Corrosion Inhibitor



**PROTECTION PROPERTIES**

	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

**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 70-75% biobased, safer for people and environment.

**FEATURES**

- Biodegradable
- Biobased: made with sustainable resources
- 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)

**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

**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	98-100%
Theoretical Spread Rate	500-525 ft <sup>2</sup> /gal @ 3 mils (12-13 m <sup>2</sup> /l @ 75 microns)
Viscosity	10,000-40,000 cps
Weight per Gallon	7.9-8.0 lb/gal (0.94-0.95 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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