



## ThredOn® Enviro-1

Multi-use Thread Compound and Lubricant

**ThredOn® Enviro-1** is a technologically advanced, extremely water resistant, biodegradable base grease formulated with natural mineral fillers and other environmentally friendly additives. It contains no metals or PTFE. It can adhere to wet joints over a wide temperature range and protects threads for superior makeup and breakout performance. It has the added convenience of being light in color to assure consistent coverage.

### Recommended Uses

Enviro-1 is used for tool joints, tubing and casing, as well as legs of jack-up rigs. It can be used for storage and thread protection, slides and any highly loaded, slow moving surface.

Enviro-1 meets requirements for the most sensitive marine environments, including Norway Yellow Y1, Cefas E, and VGP EAL for US waters (US EPA).

### Typical Characteristics

Appearance	Beige, smooth, tacky
NLGI	0-1
Worked Penetration, 60x (ASTM D217)	360-390
Base Oil	Synthetic ester
Base Oil Viscosity	44 cSt at 40°C
Base Oil Viscosity	9 cSt at 100°C
Base Oil Pour Point	-58°F (-50°C)
Solids Content	Mineral fillers
Specific Gravity	1.3
Density (lb/gal)	10.7
Dropping Point (ASTM D566)	>392°F (200°C)
Flash Point	>570°F (300°C)
Temperature Range	-40°F to 300°F (-40°C to 150°C)
Four-Ball EP Weld Point (ASTM D2596)	620 kgf
Friction Factor (Relative to API Modified)	1.0
Evaporation, % Vol Fraction Loss, 24h, 100°C	0.40%
Gas Evolution, 120h, 66°C	1 cm3

**DO NOT USE ON OXYGEN SERVICE.**  
*Special packaging sizing available upon request.*

## SOUTH COAST PRODUCTS

P.O. Box 450109 Houston, Texas 77245 [www.socousa.com](http://www.socousa.com)  
Tel: (713) 225-0048 (800) 535-5823 [custserv@socousa.com](mailto:custserv@socousa.com)



South Coast Products works hard to be environmentally conscious. As a result, we are proud to offer eco-friendly products when available. Visit our website for more details.

**ECO**  
friendly

# ThredOn™ Enviro-1

## Multi-use Thread Compound and Lubricant

### Typical Characteristics

Oil Separation, % Vol Fraction Loss, 24h, 100°C	2.10%
Water Leaching, % Mass Fraction Loss, 2h, 66°C	1.64
Cold Application at -7°C	Pass
Adherence at 66°C, % Mass Fraction Loss	0%
Copper Strip Corrosion (ASTM D4048)	1a
Rust Prevention, SKF Emcor Distilled Water (ISO 11007)	Pass (0-0)
Rust Prevention, SKF Salt Water (ISO 11007)	Pass (0-0)
Pumpability at -30°C (Lincoln-Helios)	Pass
Offshore Environmental Classifications	Norway Yellow Y1, Cefas ranked E (reg. no. 25214), US EPA VGP 2013 EAL

### Packaging Information

Item Number	Unit Size
0378044BLP	44 lb pail
0378484DR	484 lb drum

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# ECO friendly