

PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.



DuraLife EAL-WL

EAL Wire Line Lubricant

DESCRIPTION:

Ospar Commission-HOCNF

(Harmonized Offshore Chemical Notification Format)

CLASSIFICATION: “Yellow” rating for Norway

CLASSIFICATION: “E” for The United Kingdom & The Netherlands

DuraLife EAL-WL is a unique product for wire line applications where a grease-type lubricant is required. Specially formulated for slick line, electric line, and braided line, this new-generation formula is certified to meet the “Yellow” environmental category for Norway, conforms to the Norwegian requirements for biodegradability, and passes the biotoxicity test. Additional test information is available on request. DuraLife EAL-WL is H₂S inhibited and has unique capabilities as a preservative against rust and corrosion. It also offers excellent protection against extended exposure to the elements and UV rays.

DuraLife EAL-WL can be applied by hand or through a pneumatic lubrication system. This easy-flow formula will stick to the wire line and penetrate the wire core for added protection and wire line life.

- Easy to apply
- Nonconductive
- Outstanding rust prevention
- Norwegian “Yellow” environmentally safe
- Wide temperature service
- Extremely water resistant
- Contains no VOC’s

This product is formulated to contain no detectable, leachable, volatile organics by EPA Test Method 1311-TCLP number SW846 8260B as determined by independent, 3rd party testing. Testing results are available upon request.

APPLICATIONS:

DuraLife EAL-WL is ideally suited for the following applications:

- Corrosive Environments • Slick Line
- Braided Line • Electric Line
- Temperature Surveys • Perforating
- Gas Lift Services • Fishing Operations
- Deep Water Wire Line

DuraLife EAL-WL

PROPERTIES:

	Test Method	DLEAL-WL
Appearance		
Appearance		Buttery Grease
Color		Light Beige
Thickener Type		Calcium Sulfonate
Cone Penetration @ 25 °C (77 °F)	ASTM D217	
Unworked		295 – 340 dmm
Worked 60 strokes		310 – 330 dmm
Worked 10,000 strokes		+ 10%
Low Temperature Flexibility		Pass
Salt Fog Corrosion Resistance 20% NaCl, 100 °F	ASTM B117	>1000 hrs
Oil Separation, 100°C 24 hrs.	ASTM D1742	5% max
Volatile matter		<2%
EP Properties (Four-Ball Method)	ASTM D2596	
Load-Wear Index		31 kg-f typical
EPA	1311-TCLP	Non-detected
Service Rating		-29 °C to 260 °C (-20 °F to 500 °F)

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