

PRODUCT DATA SHEET

Royal Enviroguard Journey

Superior Bio-Based Wire Rope Lubricant



PRODUCT DESCRIPTION:

Royal Enviroguard Journey is the newest generation for wire ropes and cable protection. Its unique and innovative hybrid type thickener in combination with the finest bio based oils along with a carefully designed and synergistic blend of the highest quality of solid and liquid performance additives give this product a superior protection for most types of wire ropes.

Royal Enviroguard Journey is readily biodegradable, non-toxic, heavy metal and **solvent** free; thus safeguarding the environment while simultaneously matching/exceeding the performance level of mineral oil based products.

- Provides wide temperature operability: 0 °F (-18°C) to 250 °F (120°C)

KEY FEATURES:

- Biodegradable penetrating oil
- Hybrid type thickener
- Excellent water resistance
- Anti wear and Anti corrosion
- High adhesively to metal parts
- Low toxicity
- Solvent Free
- Heavy Metal Free

CUSTOMER BENEFITS:

- Penetrates to the core of the rope or cable creating a protective water resistant, anti-wear and anti-corrosion film while lubricating each strand.
- Synergistic combination of solid lubricants and polymers provide superior film formation with reduced quantity of grease providing excellent wear and friction protection.
- The hybrid type thickener provides greater resistance to water washout even with salt water, better pumpability at low temperatures and a high dropping point assures outstanding performance over a wide range of weather conditions compared to the average products.
- Despite of being semi-liquid this product will stay in place preventing the ingress of water and dirt.
- Superior storage stability

APPLICATIONS:

Most types of wire ropes, draglines, anchor cables, elevator hoist lines used in marine, oilrigs, mining and other industrial applications.

PACKAGING:

Totes, Drums, and Pails

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Typical Properties

Royal Enviroguard Journey Lubricant		
Product Number	906SD	Test Method
Color	Gray-Black	Visual
Texture	Smooth, Tacky	Visual
Thickener	Hybrid Li-Ca	-
Appearance	Semi liquid	Visual
Drop Point ,0 °F	+ 350	ASTM D 2265
Viscosity @ 40 °C ,cSt	35.5	ASTM D445
Viscosity @ 100 °C ,cSt	8.0	
Viscosity @ 100 °F ,SUS	179.1	
Viscosity @ 210 °F ,SUS	52.95	
Four ball Weld Load , kg	400 kg	ASTM D 2596
Timken , lbs	55	ASTM D 2509

**Also available in other NLGI Grades*

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.