



Royal Enviroguard Journey

Superior Bio-based Wire Rope Lubricant

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 100 % bio based oils along with a carefully designed and synergistic blend of the highest quality of solid and liquid performance environmentally acceptable 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.

Product Features:

- Biodegradable penetrating oil
- Hybrid type thickener
- Excellent salt water resistance
- Anti-wear, Anti-rust and Anti corrosion
- High adhesively to metal parts
- Low toxicity
- Solvent Free
- Heavy Metal Free
- Protects against H₂S , CO₂ and chemical environment

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 liquid additives and solid lubricants embodied with polymers provide superior film formation with reduced quantity of grease providing outstanding extreme pressure, anti-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.

Applications:

- Recommended for most types of wire ropes, braided wireline, draglines, cables, elevator hoist lines used in marine, oilrigs, mining and other industrial applications. Can be applied by grease gun and other grease injectors, cable lubricators, centralized lube systems etc.



Typical Properties

Royal Enviroguard Journey Lubricant

Product Number	906SB	906SD	Test Method
Color	Gray-Black	Gray-Black	Visual
Texture	Smooth, Tacky	Smooth, Tacky	Visual
Thickener	Hybrid Li-Ca	Hybrid Li-Ca	-
Appearance	Buttery	Semi liquid	Visual
NLGI Grade	1	00	-
Flash Point , °F	500	500	ASTM D 93
Drop Point , °F	350	+ 350	ASTM D 2265
Viscosity @ 40 °C, cSt	35.5	35.5	
Viscosity @ 100 °C, cSt	8.0	8.0	
Viscosity @ 100 °F, SUS	179.1	179.1	ASTM D 445
Viscosity @ 210 °F, SUS	52.95	52.95	
Four ball Weld Load, kg	500 kg	400 kg	ASTM D 2596
Timken, Lbs.	55	55	ASTM D 2509
Rust Preventive Properties	Pass	Pass	ASTM D 1743
Water Washout, % wt.	3.0	3.0	ASTM D 1264
Water Spray off, % retained	60%	60%	ASTM D 4049
Biodegradability	85%	85 %	CEC-L-33-A-93

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging options:



35 Lb. Pail



120 lb. Drums



2000 Lb. Totes



Bulk