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Cortec® EcoLine® Wire Rope Grease Offers Biobased/ Biodegradable Protection for Lower Environmental Impact

Wire rope is a critical component of industrial activity including, but not limited to, its use on drilling rigs, in heavy equipment, and as cable stays. Abrasive wear and corrosion are two major enemies that threaten to deteriorate wire rope and shorten its useful lifespan. To slow this process, grease is commonly applied to lubricate and protect wire rope from wear and corrosion. In ecologically sensitive areas such as marine environments, this grease



must be chosen with more caution in order to minimize pollution from the leakage of petroleum solvent based greases.

Cortec's new EcoLine® Wire Rope Grease is premium quality biobased, biodegradable grease that protects wire rope against corrosion and extreme pressure wear. It is formulated from vegetable oils,



aluminum-based thickener, and anticorrosion additives for maximum wire
rope protection. EcoLine® Wire Rope
Grease is recommended for use in
environmentally sensitive areas near
waterways and is ideal for protection in
marine salt spray conditions. A higher
flash point and biodegradable formula
increases safety and lowers
environmental impact compared to
conventional petroleum greases.

EcoLine[®] Wire Rope Grease is available in NLGI grades 0 or 1 with the following ecological advantages:

- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Meets USDA's proposed biobased product definition for EO 13101

EcoLine[®] Wire Rope Grease should be applied to wire ropes or cables in operation or storage, paying special attention to the metal to metal contact areas. This will make the wires less vulnerable to the normal wear and tear of everyday use or the corrosive atmosphere of hot, humid salt spray conditions. When putting wire rope into storage, the practice of first cleaning and lubricating it is also an important step in preserving the rope for future use.



While good maintenance encourages the application of protective lubricating grease to wire rope, environmental consciousness encourages the use of sustainable biobased grease that will have minimal

impact on the environment when used. Cortec's EcoLine® Wire Rope Grease provides a practical and convenient option to balance these two needs for wire rope longevity and environmental stewardship.

To learn more about EcoLine® Wire Rope Grease, please visit:

https://www.cortecvci.com/Publications/PDS/EcoLine_Wire_Rope_Grease.pdf

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