

Wire Lube System ?
Originated by: Tom Orvosh (URI) on Tue, 06 Sep 2011

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Anyone familiar with the new CoreLube 2100 system and the Grignard product Stran-Core ?

We have previously used the Corelube 850 SER and Grignard EM lube for all our wire and cable. Apparently, Grignard no longer makes the EM lube and the new product , Stran-Core is not compatible with our 850 application system.

The claim is that Stran-Core is a superior product in lubricating, penetration, and corrosion protection.

Presently, one issue we find is that the delivered volume provided with the 2100 Orion pump is too high for our relatively slow winding speeds of 60m/m max. CoreLube has advised that we can purchase a low volume electric pump to suit our needs.

Anyone using this new gear and Grignard product? Opinions ?
Any other wire and cable lube/corrosion options ?

Thanks,

Tom Orvosh
URI-GSO
Technical Services

Reply From: Doug White (U. Del) on Tue, 6 Sep 2011

Christopher Griner and I put this up after last years RVTEC - could be of some help:

<http://www.researchvessels.org/techlinks/wire-lubrication/>

Doug

Douglas White - Ocean Information Center (OCEANIC)
University of Delaware, College of the Earth, Ocean, and Environment

Reply From: Brennan Phillips (IFE) on Tue, 6 Sep 2011

Hi Tomo,

We bought a Kirkpatrick Group (<http://www.thekirkpatrickgroup.com/>) SU35B lubrication system this

year and we're using it with their Dynaguard Blue lubricant. Other than being a little messy (can you avoid it??), it works great, the price was right, our new cable has been in the water almost two months and looks like new. I'm a big fan. The company president, Bob Kirkpatrick, can hook you up with a lot of data that you could use for comparison.

-Brennan

Reply From: Matthew White on Tue, 6 Sep 2011

Tom,

I agree with Brennan. I've been using Dynagard blue since 2001 and most recently lubed 4000m of 3x19 with relative ease at really slow speeds approximately 30m a minute.

Back in '01 while on a construction tender doing post 9/11 security ops, our schedule consisted of spudding down for 7 days/ home for 7 days- following almost 3 months of the wire being submerged in salt water and Tampa Bay mud I had to replace the wire due to kinking; I decided to open it up and where it was bent over the sheave, the core was bright and shiny with the lube just as blue as the day it was applied.

Be ready, it is a mess so tarps and coveralls are a must.

Hope this helps,

Matt

Matthew M. White

Captain

R/V WEATHERBIRD II

Florida Institute of Oceanography