



VpCI® SOLUTIONS FOR LONG-TERM PRESERVATION, LAYUP, & MOTHBALLING

CASE HISTORY SPOTLIGHT

Case History #662: Offshore Rig Layup to Withstand Hurricane Harvey

An offshore drilling rig needed to be temporarily preserved in the Gulf of Mexico until more attractive drilling opportunities opened up. Highly experienced preservation specialists relied heavily on Cortec® products to do a complete rig stacking.

Various assets were preserved with MilCorr® VpCI® Shrink Film and VpCI®-126 HP UV Shrink Film, depending on location and severity of exposure to outdoor elements. Control panels and junction boxes were internally protected with VpCI® Emitters. EcoLine® Wire Rope Grease was applied to tens of thousands of feet/meters of wire rope on spools. Cortec® additives were used in gearboxes, winches, engines, mud pumps, and tanks. To protect structural steel and equipment that was already painted but needed extra protection in the corrosive offshore environment, workers spray-applied VpCI®-391 and VpCI®-368 right over existing paint on components such as the top drive and handrails.

When the layup team came back for routine inspection about two years later, the MilCorr® VpCI® Shrink Film was securely in place and none of the preserved equipment was damaged or rusted, despite an almost direct hit from Hurricane Harvey in 2017. The ease of removing the preservation materials – such as simply slitting open the MilCorr® VpCI® Shrink Film in a few places to start up the CMC HPU at one point – will also save much time and labor when the opportunity arises to return the rig to full service.

To read the full case history, please visit: https://www.cortec-casehistories.com/?s2member_file_download=access-s2member-level1/ch662.pdf



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