



# NEWS ALERT

## Have You Ever Considered Using VpCI®-369 for Dip Tanks?



[VpCI®-369](#) is one of Cortec's most popular wet film corrosion inhibitors, used in spray applications around the world. But have you ever considered using VpCI®-369 for dip tanks? One major global equipment manufacturer decided to do so when an emergency shortage of their standard rust preventative (RP) sent them looking for a different product. A custom version of VpCI®-369 was an almost seamless substitute that mirrored the qualities of their previous RP used in both spray and dip applications. Their story of adapting it to a dip tank application offers inspiration for other manufacturers who may want to use the same method of corrosion protection for their service parts.

### History of Use

VpCI®-369 is an oil based temporary coating that provides extreme corrosion protection in aggressive environments. It has been used around the world and, because of its dual lubricity/protection, is often sprayed onto moving parts ([CorShield® VpCI®-369](#)) for preservation in offshore layups. Historically, it has rarely, if ever, been used for dip tank applications because of its high viscosity that typically makes it too thick for dip tanks. However, the positive recent experience of the service parts manufacturer who diluted it down to a custom viscosity opens new possibilities for other manufacturers who may want to apply a wet film corrosion inhibitor by dip.

### Adapting VpCI®-369 to Dip Tanks

In order to make VpCI®-369 viable for dip tank application, the client worked closely with Cortec® to create a custom dilution that would leave behind the desired 4 mils (100 µm) of protective film after dipping and draining. The client also subjected the product to salt spray and humidity testing to ensure that it passed company specs. The customized version of VpCI®-369 ultimately met full approval on their specification for long-term (up to five years) indoor protection of service parts and has been in use for approximately one year. It is used to dip cylinder sleeves that will be installed directly into equipment engines (no removal required in this case) once the service part is needed.

If you have had positive experiences using this popular wet film rust preventative in the past and would like to adapt it for dip tank use, contact Cortec® for guidance through the process: <https://www.cortecoatings.com/contact-us-2/>

**Keywords:** VpCI-369, corrosion inhibitors, rust preventative for dip tanks, Cortec, offshore layup, preservation of service parts, dip tank application, temporary coating, corrosion protection, long-term preservation

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