# NanoGalv® Oil & Gas

Now offering best-in-class lead times after Houston production expansion completed in 2022

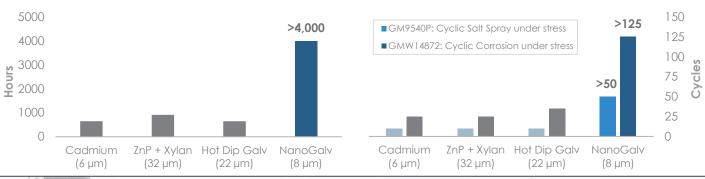


## **Key Benefits**

- **Up to 10x corrosion performance:** NanoGalv® at just 8µm significantly outperforms other systems that are coated at 14µm+
- Field-proven: NanoGalv® fasteners have been deployed onshore and offshore worldwide with unmatched performance
- Improved asset integrity & safety: NanoGalv® reduces failure risk, downtime, & dangerous manhours required by interventions
- Cost competitive: even with far superior performance, NanoGalv<sup>®</sup> is a cost-effective solution across many applications
- **Sustainability:** lower carbon footprint process that displaces harmful products such as cadmium, PFAS, & hex chromates

#### **ASTM B117 Hours to 10% Red Rust**

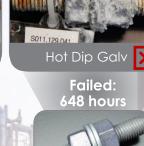




# NanoGalv Performance Under Salt Spray Test (ASTM B117)









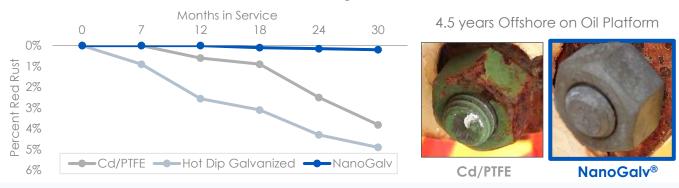
NanoGalv®

>4.000 hours

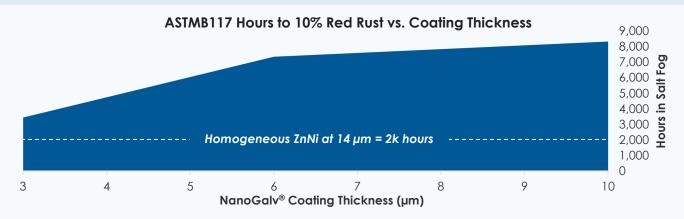




### Fastener Red Rust Progression in Field Trial



# NanoGalv<sup>®</sup>, even at a 3.5 µm coating thickness, outperforms traditional ZnNi coatings at thicknesses of 14 µm



Superior performance at lower coating thicknesses eliminates the need for overtapping of critical parts & enables coating of non-fastener parts with complicated geometries

NanoGalv® withstands all hydrogen embrittlement tests, as tested under ASTMF519-13

