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## Corrosion protection of pipelines

**stahl und eisen - VpCI 637 TOL provides internal corrosion protection for gas flow and gas transmission lines. The product has superior effectiveness against water, corrosive gasses and chloride contamination. It is a combination of vapour phase, neutralizing and film-forming corrosion inhibitors to combat the broadest range of corrosive attack from moisture and condensation, oxygen, carbon dioxide, hydrogen sulfide and other corrosive contaminants in natural gas.**

VpCI 637 TOL is one of the best performing inhibitors ever tested by Cortec Laboratories and yet provides a cost-effective solution for corrosion protection. As a part of Corrologic System – „solutions custom engineered to fit“, developed by Cortec Engineering & Field Service (CEFS), it combats corrosion in Top of the Line (TOL) Corrosion Protection of Pipelines application.

These non-emulsifying formulations offer the benefits of filming inhibitors that form a tenacious protective film on metal surfaces, neutralizing inhibitors that combat corrosive fluid formation and vapor phase inhibitors that reach areas inaccessible by direct contact to protect areas subject to varying flow ratios.

The unique chemistries of VpCI-637 TOL allow it to provide excellent protection in “sweet/sour” saturated carbon dioxide/hydrogen sulfide environments.

According to results obtained from the Wheel Test (NACE test method publication ID 182), VpCI 637 TOL provides excellent protection in both continuous and intermittent treatments, due to exceptional film persistency.

VpCI 637 TOL provides maximum control over long distances for highly corrosive systems having a high ratio of water-to-hydrocarbons, including low areas in systems where water collects and extreme corrosive attack occurs. It will not cause foaming or upsets in gas sweetening or glycol dehydration processes and it does not contain heavy metals, chlorinated hydrocarbons, or volatile amines .

VpCI 637 TOL is very effective in gathering systems containing a significant amount of water or as a corrosion inhibitor for secondary oil-recovery operations, where the water is a carrier.

CorroLogic VpCI 637 (TOL) conforms to MIL-I-22110C VIA Test (Vapor Inhibiting Ability), NACE RP 0487-2000, TM0208-2008, NACE test method ID 182, ASTM G-170-01 and is ROHS Compliant.

Quelle: Cortec Europe Advertising, Zagreb, Croatia