

NanoSLICK®

NATURAL GAS PROCESSING PLANT ENVIRONMENTALLY FRIENDLY CHEMICAL MAINTENANCE SOLUTION



PRODUCT

- ◆ NanoSLICK® 25% is an environmentally safe, yet functional replacement for traditional corrosion inhibitors, scale and paraffin inhibitors, H₂S scavengers and emulsion breakers
- ◆ The product lays down a mono-layer of silica which acts as an oxygen barrier to prevent corrosion
- ◆ Once mono-layer is in place, it resists buildup of salt, scale and paraffin
- ◆ There will be a thin water layer on top of the mono-layer that prevents materials from attaching to the inside of pipelines or tanks

GAS PROCESSING PLANT APPLICATION

- ◆ The Permian Basin Plant processes 130 MMcf/d
- ◆ NanoSLICK® 25% is injected into the incoming gas/NGL stream (2-mile pipeline) where it touches every part of their system
- ◆ Injection rate is 18ppm (1,000 gallons per month) of NanoSLICK® 25%
- ◆ Before NanoSLICK® 25%, plant was spending close to \$1 million a year on valve replacements in the facility
- ◆ Before NanoSLICK® 25%, H₂S in the incoming gas was 7% by volume

PROVEN RESULTS

- ◆ The plant reduced their chemical expenses by \$100,000/month after switching to NanoSLICK® 25%
- ◆ After interacting with NanoSLICK® 25% in the pipeline prior to hitting the facility, the H₂S level dropped to 1%
- ◆ Since starting the facility on the NanoSLICK® 25%, no valves have had to be replaced for 12+ months

TOTAL ANNUAL SAVINGS OF \$2.2 MILLION!!



FOR A CUSTOMIZED TREATMENT PROGRAM,
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