



Technical Data Sheet

Lubchem IS-1500 Pipeline Cleaning Fluid

Description

IS-1500 is an oil soluble emulsifier detergent containing surfactants, dispersants and wetting agents in an aromatic solvent. IS-1500 is designed to thoroughly remove agglomerated paraffin deposits on the ID of crude oil pipelines. IS-1500 will penetrate existing paraffin, coat the small particles to prevent them from sticking together. IS-1500 will lift and disperse deposits of paraffin, oils, greases, asphaltines and other solid debris from the surface of the metal. IS-1500 will hold paraffin and asphaltines in solution, debris in suspension, and allow it to be flushed from the pipeline with standard cleaning pigs, greatly increasing the efficiency of each pig run.

Application

IS-1500 should be applied via batch treatment. This product can be pumped into the line pre-diluted with an aromatic solvent or pumped into the line as separate components (aromatic/chemical). IS-1500 should be diluted to about 10% to 25% depending upon the severity of the problem. For pre-cleaning treatments, IS-1500 may be batch treated at 50 to 1000 ppm/oil depending upon the severity of the problem. The velocity of the cleaning pig should be at least 3 miles per hour or 4 to 5 feet per second. This velocity should be sufficient to force the liquid to contact the entire surface of the pipe wall. The pig should be run at a speed that will allow IS-1500 the maximum amount of time allowable to contact the debris attached to the pipe wall. The volume and concentration of IS-1500 required per cleaning job vary depending upon line conditions. However, to estimate chemical requirements, use approximately 175 gallons of diluted IS-1500 per inch of the diameter of the pipeline. This volume of chemical will clean 40 to 50 mile sections of pipeline, depending upon the severity of the problem.

Physical Properties

- Color Clear Amber Liquid / Aromatic Odor
- Flash Point (PM)..... 85°F
- Specific Gravity (H2O = 1):.....91
- Solubility Oil Soluble
- Water Dispersible

ADDRESS:

23609 West Hardy Road
Spring, TX 77373

PHONE:

(800) 929-0244

EMAIL:

sales@lubchem.com

FACEBOOK:

facebook.com/lubchem

LINKEDIN:

@lubchem-inc