

N2S-PLC-0540

PIPELINE PIGGING CHEMICALS

PIPELINE CLEANER: OIL-SOLUBLE SURFACTANTS

PRODUCT INFORMATION

N2S-PLC-0540 is an oil-soluble pipeline cleaner formulated with a synergistic blend of nonionic surfactants and sulfonates, designed to function as both a wetting agent and a dispersant. This chemistry is highly effective in cleaning flowlines and pipelines where solid fouling, paraffin accumulation, and hydrocarbon sludge impair flow assurance and operational efficiency. One of the most persistent challenges in pipeline operations is the accumulation of black powder—a corrosive mixture of iron sulfide, iron oxide, scale, and hydrocarbon fines. Black powder can damage pumps, erode equipment internals, plug metering devices, and increase pressure drop across the pipeline. N2S-PLC-0540 addresses this problem by reducing the interfacial tension between the solids and pipeline surface, allowing deposits to be lifted, dispersed, and transported out of the system during pigging or fluid movement. By maintaining solids in suspension, N2S-PLC-0540 helps prevent re-deposition along the pipe wall, and enhances the overall effectiveness of mechanical cleaning operations. This product is especially valuable in systems that experience wax fallback, iron fouling, or intermittent flow, where untreated deposits can lead to severe throughput losses or equipment wear.

PHYSICAL PROPERTIES

Appearance: Liquid
Specific Gravity: 0.900-1.05
Flash Point: Closed Cup: < 60 °C



STORAGE & HANDLING

Keep container closed. Follow safe warehousing practices. Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

KEY BENEFITS

- Disperses Black Powder
- Enhances Pigging
- Prevents Deposition
- Boosts Flow Assurance

APPLICATION

N2S-PLC-0540 should be applied to the pipeline by batch treatment during pig runs. The required volume for effective treatment is dependent on the quantity of contaminants suspended in the pipeline. Batch cleaning should be monthly or quarterly, depending on solids accumulation.



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SOLUTIONS

LOCATIONS

113 Liberty Ave., Lafayette, LA 70508 (Corporate)
1080 Forum Dr., Broussard, LA 70518
205 E. Wallisville Rd., Highlands, TX 77562
1815 Mercer-Grove City Rd., Mercer, PA 16137

CONTACT

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