

DynoWash



PRODUCT DESCRIPTION

DynoWash is a micro-emulsion system with superior de-oiling characteristics. DynoWash nano-surfactant components lowers the interfacial tension to near zero and the surface tension to 22 dynes/cm³. This environmentally friendly product removes the most difficult oil-wet solids and encapsulates problematic pyrophoric black powder (iron sulfide).

BENEFITS & APPLICATIONS

- Renders Iron Sulfide (black powder) less hazardous by mobilizing and encapsulating the particles, thus reducing their exposure to oxygen
- Product chemistry will de-oil and then encapsulate oil-wet solids into stable micelles, thus enabling easy removal with water
- Used in conjunction with (2) AquaGel Plus Pigs reduces the normal seawater displacement on pipeline abandonment requirements by as much as 300%
- Nonflammable and non-sheening
- Minimum environmental, handling, and disposal issues
- Extraordinary water wetting of metal surfaces, solids, and fine particles

TREATMENT RECOMMENDATION

DynoWash is a ready-to-pump liquid blend. May be provided as a concentrate. The concentration range is dependent on the level of solids, oil and grease contamination. It is typically applied at 5% to 20% in aqueous solutions to produce effective cleaning spacers during pigging applications.

TYPICAL PHYSICAL PROPERTIES

Appearance.....	Clear Blue-Green Liquid
Specific Gravity.....	0.950
Flash Point Range.....	141 - 210° F
Auto-Ignition.....	460 ° F
Solubility in Water.....	Soluble
Solubility in Oil.....	Dispersible

PACKAGING

DynoWash is available in 5-gallon (19-liter) pails and 55-gallon (208-liter) drums as a concentrate, or can be shipped in transportable tote tanks for ready-to-pump applications.