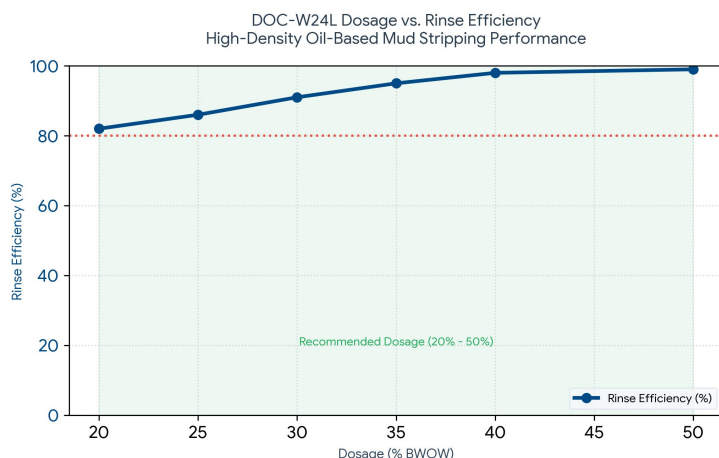


DOC-W24L High Density Oil Based Flushing Fluid

Surfactant & Solvent Oil Blend for Oil-Based Mud Stripping

1. Performance Highlight (Rinse Efficiency)

DOC-W24L is an advanced blend of surfactants and solvent oils designed to tackle challenging oil-based muds. The following chart illustrates its capability to achieve and exceed the 80% rinse efficiency benchmark within the recommended high-dosage range, ensuring optimal interfacial bonding:



2. Features & Benefits

- **Specialized for Oil-Based Systems:** Specifically formulated to flush oil-based cement slurries and drilling fluids. Can also be added to isolation fluids to improve flushing capacity.
- **Superior Mud Stripping:** Features strong penetration and a 'soft mud stripping' effect, ensuring deep cleaning of the casing and well wall surfaces.
- **Enhances Interfacial Bonding:** Dramatically improves the hydrophilicity of the casing and formation interfaces, enhancing the cementing force of the cement slurry interface.
- **Broad Temperature Range:** Operates reliably in well environments with Bottom Hole Circulating Temperatures (BHCT) ranging from 30°C to 180°C.
- **Excellent Compatibility:** Demonstrates strong compatibility with various cementing fluid systems.

3. Technical Specifications & Physical Data

Property Item	Technical Specification / Index
Appearance	Colorless or yellowish liquid
Chemical Base	Surfactant and solvent oil blend
Density (20°C, g/cm ³)	0.83 ± 0.02
Rinse Efficiency (%)	≥ 80%
R Value	< 40
Applicable Temperature	30°C - 180°C (BHCT)
Recommended Field Dosage	20% - 50% (BWOW)

** Usage Note: Compatibility tests should be carried out with the cement slurry before use.*

4. Packaging & Storage

- **Packaging:** Packaged in 25 kg plastic barrels or 200 L plastic barrels. Customized packaging is available according to customer's requirement.
- **Storage Conditions:** Store in a ventilated, cool and dry environment to avoid sun and rain. Valid time (shelf life) is 12 months.

To obtain the Material Safety Data Sheet (MSDS) or to learn more about laboratory application schemes, please contact us directly: QINGDAO DIMENSIONAL COPOLYMERIZATION ENERGY CO., LTD.

Website: www.dicoenergy.com | Technical Support Email: info@dicoenergy.com