

QUIK-FREE® NS™

PIPE-FREEING AGENT

Product Description

QUIK-FREE® NS™ pipe-freeing agent is a one-container spot that does not require mixing, is designed to dehydrate water-based filter cake and alleviate differentially stuck pipe. It has a high degree of success in freeing pipe when applied in a timely manner. QUIK-FREE NS pipe-freeing agent is formulated with OSPAR-complaint materials and is suitable for use globally. After use, the volume of QUIK-FREE NS pipe-freeing agent can simply be incorporated into the active system as it is non-toxic and provides a residual lubricity benefit.

Applications/Functions

- » Compatible with most common water-based drilling fluids
- » Penetrates, dehydrates, and cracks wall cake
- » Contains no hydrocarbons
- » Specifically formulated for North Sea use; contains only OSPAR-compliant materials
- » Can be used in weighted or un-weighted spotting pills

Advantages

- » Does not require conversion to zero-discharge drilling waste handling
- » More hygroscopic than rival spotting fluids to rapidly disrupt filter cake
- » Incorporates into the active system without altering fluid properties, and improves lubricity
- » Can be weighted-up easily, as required

Typical Properties

- » Appearance: Light brown to amber liquid
- » Specific Gravity: 0.98
- » Flash point: 356°F (180°C)

Recommended Treatment

1. Clean slugging pit with water.
2. For un-weighted pills, add QUIK-FREE NS spotting fluid to the slugging pit and mix for 15 minutes.
3. For weighted pills, add 2 sacks of GELTONE® V viscosifier per 26 barrels of QUIK-FREE NS spotting fluid, and then add BAROID® weighting material to obtain the desired fluid density. Mix for 15 minutes.
4. Place the QUIK-FREE NS spotting fluid pill across the stuck zone, then pump 1 bbl/hr (0.16 m³/hr) to ensure ample contact with the wall cake while jarring/working the pipe.

Note: Allow 4-6 hours soak time after placement of the pill to free the pipe. Afterward, incorporate the pill into the active system for increased lubricity.

Packaging

QUIK-FREE NS pipe-freeing agent is packaged in 13-bbl tote tanks and in 55-gal (208-L) drums.

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