

WNF-402L Nano Surfactant

Effectively prevents emulsion and optimizes fluid contact angles to maximize both hydrocarbon production and fracturing fluid or acid load recovery

Applications

- Use to enhance load recovery and hydrocarbon production
- Highly effective non-emulsifier over a wide range of API Gravity
- Bottom-hole temperature range 100°F– 400°F (38°C–204°C)
- Compatible with SureSlick™, AcidSure™, AquaVis™, DynaFrac®, MagnumFrac™ or WaterSure® fluid systems

Features and Benefits

- Can improve fracturing fluid and spent acid load recovery by up to 100%
- Can improve hydrocarbon production up to 30%
- Concentration ranges from 2.0– 4.0 gal /1,000 gal (gpt) of water
- Highly effective non-emulsifier over a wide range of API Gravity crudes
- Compatible with a wide range of stimulation fluid additives
- Non-oil wetting
- Targets and mitigates all major mechanisms that impede the reservoir's ability to offload treatment fluids efficiently, as well as those that cause impairment to hydrocarbon production

Specifications

Specific gravity	0.90–1.10
Density	7.51–8.35 lb/gal
Ionic charge	Mildly anionic
Appearance	Clear, light yellow liquid
Odor	Alcohol
Flash point	Not flammable
pH	3.38–3.80

* DynaFrac and WaterSure are registered trademarks of Weatherford in the US.

