

# N-VIS® HI™

## VISCOSIFIER

### Product Description

N-VIS® HI™ viscosifier is a mixed-metal silicate complex that increases the yield of AQUAGEL GOLD SEAL® viscosifier. N-VIS HI viscosifier is only suitable for use in freshwater in conjunction with Bentonite viscosifiers. Depending on the quality of the Bentonite, N-VIS HI viscosifier is used at a rate of approximately 10-12: 1 lb/bbl of Bentonite to N-VIS HI viscosifier. N-VIS HI viscosifier is also valuable for use in Milling operations where local high fluid temperatures can break down polymer viscosifiers and bentonite extenders.

### Applications/Functions

- » Helps maintain excellent hole cleaning during milling operations
- » Helps remove large cuttings or formation pieces from drilling rubble or fractured zones

### Advantages

- » Helps provide high yield points and high low shear rheological properties
- » Helps provide equivalent shale stability to mixed metal hydroxide

### Typical Properties

- » Appearance: White-gray powder
- » Specific Gravity: 0.575
- » pH, (10% aqueous solution): 11

### Recommended Treatment

Add 0.75 lb/bbl (2.1 kg/m<sup>3</sup>) to a fluid containing 10 lb/bbl (28.5 kg/m<sup>3</sup>) prehydrated AQUAGEL GOLD SEAL viscosifier.

### Packaging

N-VIS HI viscosifier is packaged in 50-lb (22.7-kg) sacks.

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