BYK-GO 8780

Liquid hydrogen sulfide scavenger.

Product Data

Composition
15% (as ZnO) zinc ammonium carbonate solution.

Typical Properties
The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Appearance:	Clear liquid
Odor:	Ammonia-like
Non-volatiles:	23.0-26.0 %
pH range:	10.0-11.5
Active substance (as ZnO):	15.0 %

Storage and Transportation
The product may solidify below -8 °C (18 °F).

Applications

Water-Based and Oil-Based Drilling Fluids

Special Features and Benefits
· Exceeds industry expected performance
· Economical
· Does not require pH adjustments to function

Recommended Use
In water and oil-based drilling fluids when drilling in zones of H_2S occurrence.
In water-based drilling fluids viscosified with bentonite clay, the use of a dispersant is recommended to avoid changes in rheology.

Recommended Levels
0.5-2.0 lb/bbl (on an actives basis) addition level depending on the amount of H_2S present.
This should be determined by the Garret Gas Train.

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Data Sheet
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Example of Performance in a Water-Based Drilling Fluid

Sample	Base Mud	1.0 lb/bbl ZnO	2.0 lb/bbl ZnO	0.6 lb/bbl BYK-GO 8780	1.3 lb/bbl BYK-GO 8780
H_2S, mg/l	1,650	1,200	900	150	0

H_2S quantified via Garrett Gas Train. Product additions (lb/bbl) based on active content.

Incorporation and Processing Instructions

BYK-GO 8780 can be incorporated directly into the mud system. Minimal agitation is satisfactory, but vigorous agitation is recommended. Pilot testing prior to use on the rig is highly recommended to determine the appropriate use level.

Additive Guide

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