

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.

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 H₂S occurrence.

In water-based drilling fluids viscosified with bentonite clay, the use of a dispersant is recommended to avoid changes in rheology.

Recommended Levels

1.4-5.7 kg/m³ (on an actives basis) addition level depending on the amount of H₂S present. This should be determined by the Garret Gas Train.

Example of Performance in a Water-based Drilling Fluid

Sample	Base Mud	2.85 kg/m ³ ZnO	5.7 kg/m ³ ZnO	1.71 kg/m ³ BYK-GO 8780	3.71 kg/m ³ BYK-GO 8780
H ₂ S, mg/l	1,650	1,200	900	150	0

H₂S 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



BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

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This issue replaces all previous versions – Printed in Germany