

MCS-Alpha Spacer Surfactant

Get better bonding between formation and pipe



The Baker Hughes, a GE company (BHGE) **MCS-Alpha spacer surfactant** is a new generation cement spacer surfactant which is used in cement spacer systems to prevent mud incompatibility and improve bonding between the formation and the pipe. This surfactant provides strong water-wetting and water-solubilizing characteristics to eliminate emulsion block challenges and improve the relative permeability to oil.

Safety Precautions

Refer to the safety data sheets (SDS) for handling, transport, environmental information, and first aid.

References

- SDS
- Cementing engineering mixing manual

Please verify the availability of product in your area with your local BHGE representative.

Typical Properties

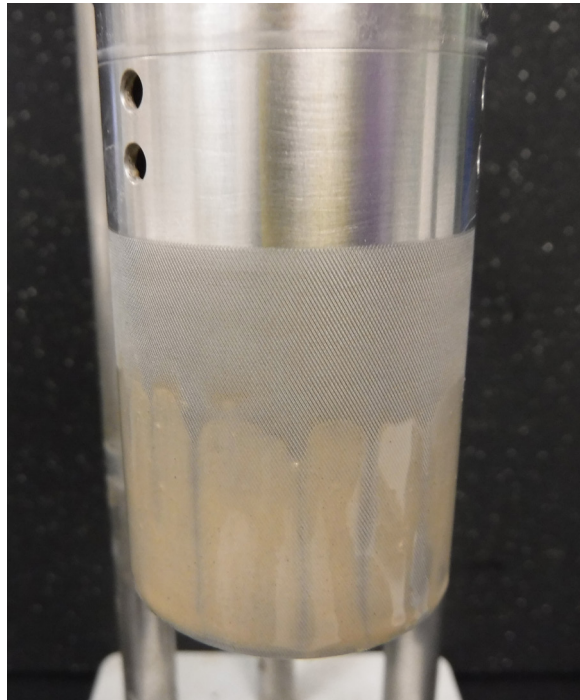
Appearance	Colorless to yellow liquid
Specific Gravity	1.024
Absolute Volume	0.1171 gal/lb (0.9766 L/kg)

Applications

- Primary and remedial cementing operations

Features and benefits

- Water-wetting properties improve bonding to the formation and pipe
- Can be used in unweighted or weighted spacers 8.5 to 20 ppg (1019 to 2397 kg/m³)
- Effective in a wide range of well temperatures, from 75 to 400°F (24 to 204°C) BHCT
- Compatible with virtually all API, ASTM, pozzolan and lightweight cements, and most BHGE cement additives



The spacer system containing the MCS-Alpha surfactant (left) cleaned much better than the conventional spacer system (right) in a rotor mud removal test with 13.5 ppg OBM.

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