

ASA-60 Antisludge Additive

Applications:

ASA-60 is an acidizing additive that imparts antisludge and demulsification properties to hydrochloric acid. ASA-60 is anionic and used in acid treatments where emulsions or sludges could form as a result of unstable asphaltenes in the oil. It is particularly effective in dark crudes. Its emulsion breaking properties allow it to break existing emulsions downhole as well as preventing acid induced emulsions. ASA-60 is normally run between 0.1% and 2.5%.

Properties:

Appearance Amber liquid with pungent odor
Dispersibility Dispersible in water and hydrochloric acid

Advantages:

- Imparts excellent antisludge properties to hydrochloric acid.
- Dispersible with non-ionic and anionic acid additives.
- Water wets both sandstone and carbonate formations.
- Exhibits demulsification properties with crude oils and condensates, although each should be checked for compatibility.
- Is a micellar type surfactant which exhibits strong water wetting tendencies.

Handling Precautions:

- Corrosive flammable liquid.
- Direct skin or eye contact will cause irritation, and chemical burns if not flushed with water as soon as possible.
- Refer to Material Safety Data Sheet.



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