

H₂S SCAV -1

Hydrogen sulfide(H₂S) scavenger

Description

The H₂S scav-1 scavenger is designed to neutralize hydrogen sulfide in oil emulsions, commercial oil, natural gas condensate, water systems. The presence of hydrogen sulfide in well production causes severe corrosion of oilfield equipment, clogging of injection wells with iron sulfides, deterioration of the environmental situation.

Application / functions

- Can be used in production wells, oil gathering and treatment systems, including sedimentation tanks and reservoirs, transport pipelines, reservoir pressure maintenance systems.
- It has a protective anticorrosive effect in a hydrogen sulfide-containing environment. The protective effect at a dosage of 30 g / m³ of liquid is 60-70%.

Advantages

- It has the properties of a bactericide that inhibits the growth of sulfate-reducing bacteria.
- Does not adversely affect the oil preparation process, the quality of marketable oil; does not contain organochlorine compounds.

Typical properties

- Appearance: liquid from light yellow to light brown
- Density at 20 C, kg/m³: 1100 - 1200
- Concentration of hydrogen ions (pH), not less: 7,5
- Freezing temperature C, no more: minus 40

Recommended treatment

The amount of H₂S SCAV-1 required to neutralize the hydrogen sulfide depends on the hydrogen sulfide content in the system and the degree of reduction required. A typical processing ratio is 2 ppm H₂S SCAV-1 to 1 ppm hydrogen sulfide.
