

TECHNICAL INFORMATION ON H₂S SCAVENGERS

Neosulf EF

Neosulf EF is a cutting-edge technology H₂S Scavenger, specially designed to deliver top performance in sour liquid systems. Its unique formulation was developed to make the product safe and environmentally friendly product.

It reacts immediately with H₂S and produces a non-toxic by-product. Its reaction with H₂S is irreversible. Neosulf EF is recommended for use in high BSW oil production systems as well as in drilling and completion fluids.

Neocat SQH

The most recent outcome of research laboratories, this product delivers the same top quality features and benefits of Neosulf EF, but being oil-soluble, Neocat SQH is specially recommended for use in gas plants and pipelines where H₂S is present.

Product Behaviour

Both products acts by oxidizing, and despite being made of different raw material, they have similar behavior:

- they oxidize H₂S to atomic Sulphur, considered non dangerous by environment legislation;
- Besides H₂S, they also react with S= (sulphide) and HS- (Hydro-sulphide). Very few scavengers in the market have these same characteristic, i.e., those who reacts with H₂S don't react with S= or HS-;
- The reaction is irreversible. Also, it's important to note that most scavengers deliver by-products which can revert to H₂S again. With Neosulf EF and Neocat SQH is impossible, in field conditions, to occur the reverse reaction, generating H₂S again.