

Introduction of Demulsifier for Water-Oil Separation in Oil Fields

Introduction:

The Demulsifier product used in the crude oil-water separation at the wellhead and processing facilities.

- *efficient Demulsifier enhances oil quality.
- * Reduces corrosion and ensured oil smooth downstream processing.

Product overview:

Our demulsifier is a tailored chemical agent designed to rapidly separate water from crude oil. The product is tested under various field condition and laboratory and it ensured maximum performance with minimum environment impact. The mentioned product improves oil production process and reduce operational costs at oil fields. Our company introduces high quality demulsifiers capable for resolving oil-water demulsifier at oil fields.

Benefits:

- Specialized demulsifiers for oil-water separation
- Increase separation efficiency
- Reduce energy consumption and separation time
- Effective performance under different conditions
- Improving product quality
- Lower transportation costs and lower warehousing costs due to efficiency of product at related site
- Benefits for life of separation equipment
- Suitable for use in oil-water separation units and refineries.
- Enhances performance of separation devices





- Effective in salinity (clear water outlet), different temperatures and different pressures.

Bottle test:

Standard method for evaluating demulsifier is the Bottle Test. Sample of emulsion treated with various dosage and observed for separation time and transparency of water.

The testing process involves two section:

1. Software section where the principal information is given to specialized software and necessary calculation are performed to determine the applicable demulsifier.
2. Operational test where the practical bottle test is conducted

The key Features of our designed Demulsifier:

- There is no corrosion and side effect
- Optimal desalination combines with effluent water
- Specialized design based on related API degree
- Lowest toxicity
- Shortest time effect with least dosage (PPM)
- Maximum separation output
- Capable with all types of oils
- Advanced NANO technology

We will find the type of demulsifier based on your Reservoirs Data.

Our team works closely with you to understand your specific challenges and provides customized solutions that enhance operational efficiency.

your success is our priority. Let us partner with you to provide reliable materials, expert support, and peace of mind for your operations.

