

Oilfield Chemical Additive Blend

This chemical blend optimizes oil extraction and processing. It includes demulsifiers, pour point depressants, corrosion inhibitors, flocculants, surfactants, and viscosity reducers.



Overview

Comprehensive Oilfield Chemical Solutions

This series of high-performance oilfield additives is designed to optimize extraction, transport, and processing of crude oil. The range includes advanced demulsifiers, pour point depressants, and corrosion inhibitors tailored for complex crude properties, including heavy oil and tertiary production liquids. These solutions ensure smooth flow, equipment protection, and efficient water clarification while meeting strict quality management standards.

Key Performance Metrics

Performance Highlights

19001 GB/T

Quality Standard

Demulsifier Characteristics

Demulsifier Features

- Low dosage requirements
- High dehydration rate
- Smooth oil-water interface
- Low oil content in wastewater
- Effective for low temperature crude
- Effective for heavy oil demulsification

Functional Additives

Available Additive Types

Additive Type	Primary Function	Key Components
PPD (Pour Point Depressant)	Reduces freezing point and viscosity	Hydrophobic modified polycarboxylate
Flocculant	Removes suspended solids and clarifies water	Organic polymer and inorganic cations
Corrosion Inhibitor	Protects containers and pipelines from acid	Aldehyde ketone amine & imidazoline
Surfactant	Reduces interfacial tension for oil recovery	Synergistic surfactant blend
Viscosity Reducer	Enables heavy oil production at lower cost	Surfactants and mutual solvents

Application Benefits

Operational Benefits

Desalination Effect, Normal Temperature Transport, Surface Tension Reduction, Equipment Protection, Improved Oil Recovery, Water Quality Clarification

Technical Specifications

Product Reference Codes

- DSJN-2 (Viscosity Reducer)
- DSX-A (Flocculant)
- DSPSA001 (Water-soluble Demulsifier)
- DSH-2 (Corrosion Inhibitor)
- DSSL-10 (Surfactant)
- DE-861 (Pour Point Depressant)

Safety & Quality

Compliance & Safety

GB/T19001 Certified • Use Safety Verified • High Compatibility