



Oilfield Chemicals

SINOFLOC supplies our customers a wide range of product portfolio in the oilfield industry. In addition to our standard oilfield chemicals, we are also supplying customized products to our clients in the different condition of high TDS and API brine, as well as in specific particle size.

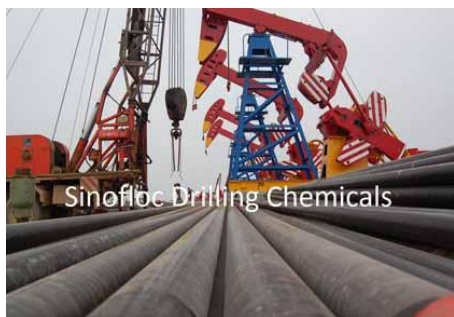
With the team powered by dedicated and compassionate staff, we could assist you selecting the most suitable polymer for all your diversified process.

Our popular products in the oil industry are:

- Drilling Fluid Additives
- Friction Reducer
- Enhanced Oil Recovery (EOR)
- Guar alternative

APPLICATION AREAS OF SINOFLOC OILFIELD PRODUCTION CHEMICALS

DRILLING Fluid Additives:



SINOFLOC developed a full range of water-based polymers used in drilling mud systems. Our polymers could match your requirements for drilling fluid in fluid loss control, viscosity and scale inhibitions. SINOFLOC oilfield chemicals are in a variety of forms, molecular weights and specific compositions for your need.

SINOFLOC series products include:

- ✓ Viscosifier
- ✓ Shale Stabilizer (Clay Stabilizer)
- ✓ Fluid Loss Control Additives
- ✓ Scale Inhibitors
- ✓ By using SINOFLOC products, the drilling bit is easily cleaned and the friction between drilling string and drilling hole is reduced.

FRICITION REDUCERS



SINOFLOC series of friction reducer is more economy with a lower per unit volume cost. Our product also has excellent friction reduction performance at a typical dosage of 1 GPT.

In addition, it possesses the following characteristics:

- ❖ Non-toxic, noharmful substances
- ❖ Almost no damage to reservoir permeability;
- ❖ Applicable in a variety of waters including flow back water and seawater;
- ❖ Rapid dissolution, applicable for continuous injection;
- ❖ Excellent friction reduction with enhancement for clay stabilization and water flow back.

ENHANCED OIL RECOVERY (EOR)



SINOFLOC series of ENHANCED OIL RECOVERY (EOR) products could be applied in increasing the amount of crude oil which extracted from the oilfield. Compared with water flooding, long chain polyacrylamide molecules mixed with injected water could increase the water viscosity, to improve the mobility ratio and displacement efficiency.

Surfactant could be used conjunction with our polymers to decrease the surface tension between water and oil. Caustic is also an option to injection water to decrease the surface tension and reverse the rock wettability.

GUAR ALTERNATIVE



SINOFLOC products could be used in hydraulic fracturing process to stimulate the natural gas, oil to maximize extraction. Shale rock makes an increased permeability by opening and keeping the existed and new fractures in the formation. Guar gum was one of the early polymers used increase the viscosity of water. Its application was reduced because of its price variations significantly. SINOFLOC is supplying a new range of synthetic polyacrylamide that can be used as Guar alternative.

The key advantage of SINOFLOC products are:

- More environmental than guar system.
- Easy flow back.
- Better viscosity performance, both in linear and crosslinked systems.
- Can be used in high temperatures and a wide range of salinities and PH.

OIL SANDS

SINOFLOC offers a range of products to be used in primary extraction of Oil Sands operation which mainly used as flotation improvement and tailing treatment. In tailing treatment, SINOFLOC polymers are designed for specific tailing feeds which give better dewatering and consolidation. The quality of recovered water and settling and compaction of flocculated solids could be improved.