

PRODUCT DATA SHEET

OCL-JT Amphoteric Polymer Fluid Loss Control Agent**Product Description**

OCL-JT is an amphoteric polymer fluid loss control agent that has good inhibition and mighty resistance to calcium and can be used at high temperature. OCL-JT is a water-soluble high molecule weight polymer consisting of anionic, cationic and nonionic groups.

Characteristics

- Excellent inhibition capability, can restrain the hydration, expansion and dispersion of shale and cuttings, keep bore hole stability.
- With perfect fluid loss control effectivity, good resistance to saturated calcium and salt it can be used in freshwater, seawater and saturated saltwater drilling fluids.
- It is compatible with other drilling fluid additives. While being easily applicable and maintained it requires only low dosages(2%) and thus the cost factor is attractive.

Technical Specification**Table 1 Physical and chemical Properties**

Appearance	Gray powder
Moisture, %	≤10.0
Fineness, 20 mesh screen residue, %	≤10.0
PH, 3.5ppb water solution	7.0~9.0
Apparent viscosity,3.5ppb water solution, mPa.s	≤8.0

Table 2 Drilling Properties

Mud Type		Specification		
		Apparent Viscosity (mPa.s)	Plasticity Viscosity (cP)	Filter Loss (ml)
Fresh-water Mud	Basic Slurry	6~8	3~5	20~25
	Basic Slurry + 0.4%OCL-JT	≤30.0	≤20.0	≤15.0
Compound Salt-water Mud	Basic Slurry	4~6	2~4	80~120
	Basic Slurry + 0.2%OCL-JT	≥5.0	≥3.0	≤15.0

Packing, Storage

- Polyethylene lined paper bag, or packed according to the request of clients,25kg/bag.
- Placed in dry, ventilated, shady and cool circumstance, and prevented from acid and alkali touching.
- Its storage life is two years.

Email:info@oilchemleader.com

Website:www.oilchemleader.com