

PRODUCT DATA SHEET

OCL-JCS Sulfonate Polymer Fluid Loss Control Agent**(for Complex Brine Systems)****Product Description**

OCL-JCS is a highly efficient sulfonate polymer fluid loss control agent that combines strong inhibition with excellent salt, calcium, and temperature resistance. It is a water-soluble polymer synthesized from monomers such as AMPS and AM through copolymerization.

Characteristics

- Strong inhibitive performance;
- Excellent fluid loss control, resistant to complex brines and temperatures above 150 °C;
- Good compatibility, simple field application process, easy maintenance, low treatment dosage, and reduced drilling fluid cost. The optimal dosage is 1–2%.

Technical Specification

Mud Performance Specifications

Item		Specification					
		Low Viscosity (Type I)		Medium Viscosity (Type II)		High Viscosity (Type III)	
		Grade A	Grade B	Grade A	Grade B	Grade A	Grade B
Appearance		Grayish-white or light yellow powder					
Moisture, % ≤		10.0					
pH Value		10.0					
Active Content, % ≥		7.0~10.0					
Degradation Residue, % ≤		85.0					
Apparent Viscosity (1% aqueous solution), mPa·s		5.0					
Fineness (residue on 0.59 mm sieve), % ≤		≤12.0		15.0~20.0		≥25.0	
Complex Brine Slurry	API Fluid Loss (room temperature), mL ≤	15.0					
	API Fluid Loss (after thermal aging), mL ≤	≤25.0	≤20.0	≤20.0	≤15.0	≤20.0	≤15.0
Note:For Grade A, the API fluid loss is tested after aging at 165 °C.For Grade B, the API fluid loss is tested after aging at 150 °C							

Packing and 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.

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