

PRODUCT DATA SHEET

GH-7 High Temperature Retarder for Oil Well Cementing**Product Description**

GH-7 can stick on the surfaces of cement hydrate to inhibit contacting between cement and water, also stick on the surfaces of crystal particles to prevent their enlarging. So it can retard hydrating of cement slurry.

Characteristics

- Normal dosage: 0.2% ~ 2.0% (BWOS), it is sensitive for temperature, should add more with increasing of temperature.
- Reduce consistency of cement slurry and improve the rheology.
- Retard the thickening time efficiently.
- Suitable temperature: circulate temperature under bore is 110°C ~ 140°C (BHCT).
- GH-7 is composed of various compounds such as gluconate, hydroxy carboxylic acid, etc.

Technical Specification

Items	Specification
Appearance	Homogeneous liquid
Thickening time, min/100°C.60.2MPa.53min	≥120.0
Initial consistency , Bc//100°C.60.2MPa.53min	≤30.0
Mutation value of thickening curve, Bc	≤10.0
Thickening time extension value, min	≥60.0
Sensitivity of increase, %	≤25.0
Sensitivity of temperature, %	≤20.0
Transition time, min//100°C.60.2MPa.53min	≤40.0
Free liquid, %	≤1.4
Compression strength, MPa/123°C, 21MPa, 24h	≥14.0

Packing, Storage

- Be stored in 25L plastic barrels, 25Kg/barrels.
- Be kept away from damage and leakage in store and transportation and stored in cool situation.
- Storage life time is two years.