

## PRODUCT DATA SHEET

**WH-7 OBM Detergent****Product Description**

WH-7 is formulated with a variety of high-efficiency surfactants, wetting reversing agents, organic solvents and other auxiliaries. It has a strong penetrating effect and can quickly penetrate into the mud cake formed in the well wall during the drilling process. The mud cake is dispersed and eroded away, thereby improving the cementing ability of the cement slurry and the contact surface.

**Characteristics**

- Non-toxic, odorless, non-corrosive.
- WH-7 has strong oil-washing properties, which can effectively remove and displace oil-phase materials in the well, and change the oil-wet interface in the well to the hydrophilic interface, thereby improving the cementing ability of cement slurry.
- Has good compatibility with oil-based mud.

**Technical Specification**

Appearance

Transparent liquid

**Formula of flushing fluid**

Name	Specification	Content, g	Ratio
Water	Hot water(50℃)	600	100
Flushing fluid	WH-7	60	10

**Cleaning effect of flushing fluid**

Items	Test condition	Specification
Flushing efficiency (10min),%	Fan viscosimeter outer barrel dipped in crude oil, speed :300r/min, solution temperature: ≥38℃	≥80.0

WH-7 is diluted to 2~50% aqueous solution. The flushing fluid dosage of each well is designed according to the annular height of 300 meters, and can be formulated according to the actual well cementing design.

**Packing, Storage**

- Stored in plastic barrels, 25kg/barrel, or packed according to the request of clients.
- Kept away from fire, damage and leakage in store and transportation.
- Storage life time is one year.

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