



StAR FLH™ is a low invasion fluid loss additive that has been designed specifically for Oil and Synthetic Oil Based fluids. It enhances the control of fluid loss characteristics of the fluid under high temperature and high pressure conditions (HTHP); as well as under a permeability plugging apparatus (PPA).

The product design permits the maintaining of the low sand bed invasion characteristics already seen with FLC2000™.

ADVANTAGES

- + Can be applied in any Organic Oil based fluid including paraffins, olefins, esters
- + Capable of giving tight fluid loss control at low concentrations
- + It is not limited to HTHP applications, performs across a broad range of temperatures
- + In addition of controlling fluid loss, it also contributes to seal microfractures and provides wellbore strengthening and well bore stability
- + Has no adverse effect on marine life
- + In the lab it has been shown to minimize formation damage
- + It can be used effectively over a wide spectrum of fluid densities
- + The product contributes to control rheology over a broad range of temperatures

PROPERTIES

- + Appearance – Dry free flowing, tan powder
- + Specific Gravity – <1
- + Soluble in Synthetic organic fluids.

TREATMENT

StAR FLH™ is easily added to most fluid systems through the rig hopper. Concentrations range from 2 to 4 lbs/bbl, depending on drilling fluid properties. Pilot tests are recommended to arrive at an optimum concentration.

PACKAGING

StARFLH™ is packaged in 25 pound multi-walled sacks and palletized.