

PRODUCT DESCRIPTION

BBHOC2 is a unique solvent/surfactant based additive package that is added at low concentrations to production brine to create an effective high flash point treatment pill for lifting and solvating heavy asphaltenic oil. BBHOC2 does not require high shear and can be placed by annular pumping keeping treatment and remediation costs to a minimum.

APPLICATION AND USAGE

BBHOC2 is miscible in water/brine and can be pumped down the annulus of heavy oil wells with the pump in the hole. This water blend is squeezed into the formation and allowed to soak overnight. The actives in BBHOC2 will lift and displace dead heavy oil off the silicate/carbonate matrix. Coupling charge effects with unique surfactancy and wetting effects the mobilized heavy oil will easily flow and be pumpable to surface. With minimum shear or flow the viscous heavy oil remains dispersed and pumpable. Associate foaming will assist in dispersing and suspending any plugging formation solids into the returning fluids. The matrix will have lasting water wetting to enhance the relative permeability to the flow of heavy oil.

PHYSICAL PROPERTIES

Appearance : Clear Liquid
Specific Gravity : 0.95 g/ml @ 25°C
Pour Point : - 20°C
Flash Point : N/A
pH Factor : 9.5 – 10.0
Solubility : Water Dispersible

HANDLING AND STORAGE

Proper PPE is recommended when handling. Consult MSDS prior to handling. Please check for compatibility prior to blending with other chemicals including neutralizing agents.

Store BBHOC2 in a cool dry place.

AVAILABILITY

BBHOC2 is available in bulk or drum quantities.