



JET PAR 3220

PARAFFIN INHIBITOR/PPD/FLOW IMPROVER

GENERAL DESCRIPTION

JET PAR 3220 is a blend of high molecular weight copolymers that inhibits paraffin deposition, reduces pour point and lowers viscosity. It distorts crystal growth of waxes and paraffins.

APPLICATION

JET PAR 3220 prevents paraffin deposition and reduces flow resistance for paraffinic condensate and crude in downhole and pipeline operations. Flow is improved and plugging of tubing, flowlines and pipelines is prevented.

Add JET PAR 3220 continuously to the system upstream of point where the cloud point takes place. Maximum efficiency is obtained when it is added to warm or hot crude oil.

Concentrations of 100-2000 ppm may be needed for pour point reduction in high wax content crudes. Lower concentrations are usually adequate for preventing paraffin deposition or treatment of tank bottoms.

Recommended treatment is by continuous addition or squeeze. It may be added to a sidestream for treating pumping wells, and by chemical or capillary tubing for treating flowing wells. Add to injection gas to protect gas lift wells. If used as a

batch treatment for a tank of crude or fuel oil, add at the recommended dosage and heat the tank to 20-40⁰ F(10 to 20⁰ C) Add to hot oil treatments to prevent re-deposition of dissolved wax and paraffin.

For a squeeze dilute in lease condensate, diesel or xylene to 10-20% and displace back 10 meters(30 feet) into the formation. Preflushing with wax solvent will assist in opening perforations.

TYPICAL PHYSICAL PROPERTIES

Specific Gravity	
Density, lb/gallon	
Flash point PMCC	
Pour point	
Solubility, water	Insoluble
Solubility, oil	Soluble
Solubility, xylene	Soluble
Appearance	Light Brown
Physical form	Liquid

HANDLING

Normal precautions for industrial chemical apply. Observe warning label- contains aromatic hydrocarbons. See MSDS for specific instructions.

AVAILABILITY

JET PAR 3220 is available in 55 gallon drums and bulk.