

OIL AID-PC-628

PARAFFIN INHIBITOR/POUR POINT DEPRESSANT

DESCRIPTION

OIL AID-PC-628 is a wax-crystal modifier polymer in a hydrocarbon carrier. When properly added to an oil producing system (before wax crystallization takes place), it can lower pour points significantly, and control paraffin deposition from the point of injection throughout downstream facilities. It has been designed primarily for squeeze operations, as well as continuous injection. Recommended inhibitor concentration must be maintained in a flowing system for effective paraffin control.

TYPICAL PROPERTIES

OIL AID-PC-628 cannot be atomized into a gas-lift stream. Its typical properties are:

Description	Polyol
Specific Gravity @ 25 °C	Approx. 0.9 - 0.95
Density @ 25 °C	7.5 - 7.91
Pour Point, ASTM, °C (° F)	Typically -4 to -1°C (25 to 30 °F)
Flash Point	130 °F
Viscosity:	
cPs @ 25°FC	Approx. 6 - 10 cPs
Solubility:	
Hydrocarbons	Soluble
Fresh water	Insoluble
Salt water	Insoluble

PRODUCTION WELLS

- Remove paraffin deposits from well
- Mix inhibitor in suitable clean solvent at 10-20% concentration and inject into tubing
- Displace inhibitor solution into formations with clean, compatible fluid
- Shut in well for 24 hours

The amount of inhibitor and volume of overflush used depends on the production rate, the severity of the paraffin problem, the expected squeeze operation, check the system for possible clay swelling and emulsion formation in the presence of inhibitor.

- Pumping wells - add to part of production diverted down annulus or inject down macaroni string to point below area of deposition.
- Sub-surface hydraulic system - add to power oil down-stream of power-oil tank.
- Surface equipment - inject at convenient point upstream of problem where highest temperature exists. This may be downhole, at the well head, in the flowline or pipeline, or at the heater-treater outlet.



HANDLING

OIL AID-PC-628 contains no organic halides, heavy metals, or other substances known to be harmful to process equipment or refinery catalysts. No special storage and handling precaution is required. Keep away from heat and open flames. Avoid prolonged and repeated skin contact. In case of contact with skin or eyes, flush the exposed areas with water.

PACKAGING

This product is available in bulk shipments and 55 gallon non-returnable drums. Keep drum openings closed to prevent product contamination and evaporation.

OIL AID-PC-628 is a Messina trademark

