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PRODUCT DATA SHEET

AUSFRACTROL 200

Scale Control

DESCRIPTION

AUSFRACTROL 200 is a phosphorous based chemical in an aqueous solution and used for the prevention of scale buildup. AUSFRACTROL 200 is extremely effective at preventing calcium carbonate and calcium sulfate scale, as well as inhibiting barium sulfate scale. AUSFRACTROL 200 can tolerate very high concentrations of salt (NaCl, KCl), increased levels of metal impurities in solutions and higher alkalinity levels.

APPLICATION

AUSFRACTROL 200 can be added directly into the fracturing fluid to prevent flash scale formation. AUSFRACTROL 200 will also plate out on the formation face to inhibit growth of scale over time. Recommended dosage levels range from 0.5 - 1.0 gal. (1.89 - 3.785lt) of AUSFRACTROL 200 per 1000 gal. (3785lt) of base fluid, but testing is recommended before use.

PACKAGING

1000lt poly totes.

PROPERTIES

COLOR	Clear to yellow liquid
PH	4.5 – 5.5
ODOR	Mild
SPECIFIC GRAVITY	1.03
SOLUBILITY IN WATER	Soluble
POUR POINT	< -28°C
FLASH POINT	> 93°C

All testing should be conducted once product has been approved for use.

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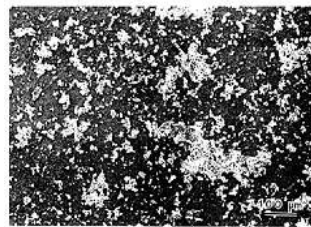
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FIGURE 1

Produces Very Small, Spherical, Uniform, Easily Dispersed, Non-Adherent Calcium Carbonate Particles at 300 Times Calcite Saturation (Photographs at 135X Magnification)



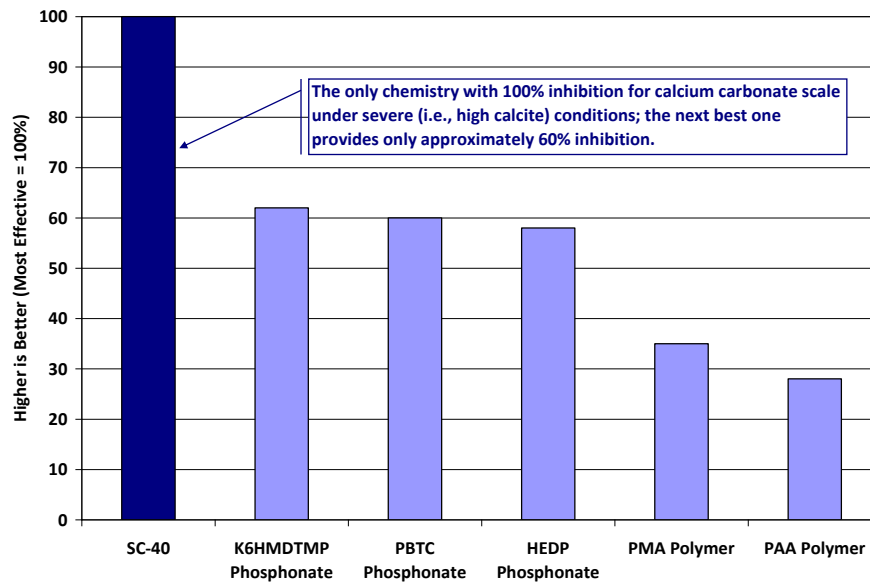
CaCO₃ formed in the presence of SC-40



CaCO₃ formed in the presence of HEDP phosphonate/polymer blend

FIGURE 2

Relative Effectiveness of Calcium Carbonate Scale Control Inhibitors at Severe Conditions (> 150 Times Calcite Saturation)



Please read and understand the Material Safety Data Sheet (MSDS) before using this product.