

DESCRIPTION

SAI-04 is designed to protect steelwork from the action of acids in treating oil wells at low to moderate bottom hole temperatures.

APPLICATION

SAI-04 is an effective and economic corrosion inhibitor. It contains no aromatic solvents, alkylphenols, quaternaries or heavy metals in the product, giving it a better environmental profile than many other corrosion inhibitors on the market.

SAI-04 is effective in HCl up 28%, and to a temperature of 225°F. The necessary concentration of **SAI-04** is determined by the type of steel, the temperatures encountered, acid type and concentration and the expected contact time. While no specific recommendations can be made as to loadings, the accompanying corrosion data gives some general guidelines.

SAI-04 corrosion data.

GPT Inhibitor	Steel Type	% HCl	Test		Corrosion Rate (lbs/ft ²)
			Time	Temp. (°F)	
1	J-55	15	24	150	0.012E-2
2	J-55	15	24	150	0.009E-1
1	J-55	28	24	150	0.851E-3
2	J-55	28	24	150	0.026E-1
1	J-55	15	24	175	0.063E-3
2	J-55	15	24	175	0.007E-1
10	J-55	28	24	175	0.100E-1
15	J-55	28	24	175	0.044E-1
2	J-55	15	24	200	0.075E-3
3	J-55	15	24	200	0.015E-1
4	J-55	15	24	200	0.012E-1
10	J-55	28	24	200	0.029E-2
15	J-55	28	24	200	0.022E-2
10*	N-80	15	24	250	0.044E-5
15*	N-80	15	6	250	0.022E-2

PHYSICAL PROPERTIES

Form	Liquid
Flash Point, TCC	<32°F
S.G. at 25°C	0.86
Pour Point	-10°C
PH, 5%	2.8 – 3.8
Water Solubility	Dispersible
Isopropanol	Soluble
Kerosene	Insoluble
Xylene	Soluble

PACKAGING

Usually supplied in 200L UN standard drums

ADDITIONAL INFORMATION

None