



Acid Corrosion Inhibitor – High Temp I-124

Use:

I-124 is a cost effective acid corrosion inhibitor for use in acidizing. It is compatible with all strengths of HCl and Mud acids and has special additives to ensure it doesn't interfere with emulsified acids.

I-124 is designed to form a protective film on metal surfaces for use in acidizing treatments and spearheads in fracturing treatments up to formation temperatures of 350 F.

I-124 is a blend of Haloalkyl Heteropolycycle Salts and shows excellent inhibition rates against HCl, HF, and mixtures thereof in L80, N80, P110, 13Cr95, etc.

Physical & Chemical Properties:

Parameter	Specification
Density	8.5 to 9 lb/gal
Solubility in Water	Soluble
Solubility in Diesel	Insoluble
Appearance	Dark colored liquid
Odor	Alcohol/Glycol/Aromatic
Flashpoint	185°F
Freeze point	< 20°F

Compatibility:

Compatible with most known acidizing fluids and additives used in acidizing treatments. However, a compatibility test is recommended before use

Environment:

I-124 is hazardous to the environment.

Typical Dosage:

Pumped at up to 1 to 40 gpt with acid fluids to provide effective corrosion inhibition.

Temperature Limitations:

Can be used across a wide temperature range, no lower or upper temperature limitations on performance. It has been effectively used up to BHT of 400 deg F.

Packaging:

330 ga one way totes

Availability:

Pleasanton, TX; Beasley, TX and Midland, TX

DoT Classification:

Regulated

Performance Testing

15% HCL @ 275 F over 24 hours								
Coupon	Additive	Dosage	Start weight (gm)	End weight (gm)	Loss (gm)	Loss %	Inhibitor Efficiency	Pitting Index
P110	Blank	0 gpt	39.814	0	39.814	100.00%	NA	
P110 (#17)	I-124	6 gpt	39.243	37.160	2.083	5.3%	94.7%	2

