

# ACE TOTAL 4

## LOW TEMPERATURE ACID CORROSION INHIBITOR, IRON CONTROL, ANTI SLUDGE AND NON EMULSIFIER

### Product Description:

**ACE TOTAL 4** is a low temperature (<200°F) acid corrosion inhibitor, Iron-control, anti-sludge, and non-emulsifier used in downhole acid treatments with HCl or HCl/HF acid blends. It contains zero acetylenic alcohol and no other environmentally hazardous components.



Appearance at 25°C	Reddish Brown Liquid
pH	2.0-4.0
Density (lbs/gal)	8.78
Specific Gravity	1.06
Flash Point	158°F
Freeze Point	-22°F

### Advantages:

Effectively inhibits N80 and P110 steel at less than 0.03lb/ft<sup>2</sup> at temperatures below 200°F. Example test data at 6 gpt dosage on P110 coupons in 15% HCl:

140°F	0.003 lb/ft <sup>2</sup>
180°F	0.008 lb/ft <sup>2</sup>

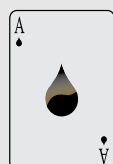
### Compatibility:

All cationic, anionic and nonionic additives.

### Typical Dosage:

3-6 gpt depending on temperature.

**ORDER NOW**



**ACE**  
Completions

325 Pronto Rd.  
Odessa, TX 79762  
(888) 256-5325  
sales@acecompletions.com

[acecompletions.com](http://acecompletions.com)

**Don't start pumping unless you have an ACE in the Hole!**