

DESCRIPTION

ACIBITOR 57 is a strong, very soluble, non-foaming, liquid inhibitor formulated for use in conventional Sulphuric Acid pickling operations. It is effective on any type of steel and can be used at any acid concentration

SPECIFICATION

Appearance	:	Clear Orange amber liquid
Specific Gravity	:	1.1 ± 0.01
PH	:	less than 2
Solubility	:	Completely soluble in water
Ionic nature	:	Cationic

APPLICATION

Because of its great solubility, **ACIBITOR 57** may be added to tap water or dilute acid at room temperature. It is effective at all temperatures upto 100°C.

- In continuous-strip lines, where water and acid are added continuously, **ACIBITOR 57** should also be added continuously.
- In batch pickling operations, **ACIBITOR 57** should be added each time acid is added. However, do not add **ACIBITOR 57** with the final acid addition prior to discarding the pickling bath.

**CONCENTRATION TO USE:**

ACIBITOR 57 should be used in amounts ranging from **0.25% to 0.5%** by volume of the concentrated Sulphuric Acid regardless of the degree of acid dilution.

FOR MILD AND LOW CARBON STEELS:

The following concentrations of **ACIBITOR 57** (given in percent by volume of the concentrated Sulphuric Acid regardless of the degree of acid dilution used) are recommended:

For pickling temperature below 800 C-0.25 % to 0.5% by volume.

For pickling temperature above 800 C-0.5% by volume

FOR ALLOY AND MORE REACTIVE STEELS:

(usual pickling temperatures below 800 C).

ACIBITOR 57 should be used in amounts ranging from 3/8% to 0.5% by volume of the concentrated Sulphuric Acid regardless of the degree of acid dilution used.

Packing, Storing, Handling

30 Lts HDPE Carboys

Keep away from direct sunlight & under good ventilation for storage.