



Cola[®]Zoline VS (ME)

1:1 Fatty Acid DETA Imidazoline

Cola[®]Zoline VS (ME) is 1:1 imidazoline derived from fatty acids (vegetable sourced) and DETA. It is a fatty amine film forming agent with wide applications in oilfield and refinery to prevent corrosion of metal surfaces.

BENEFITS

- 100% active
- Manufactured from sustainable resources
- Good base for corrosion inhibitor formulations
- Soluble in non-polar solvents, but becomes water-soluble upon neutralization with acids
- Low viscosity and easy to pour

APPLICATIONS

- Prevents corrosion of oil pipelines under high flow sheering
- Intermediate for forming imidazoline surfactants and emulsifiers

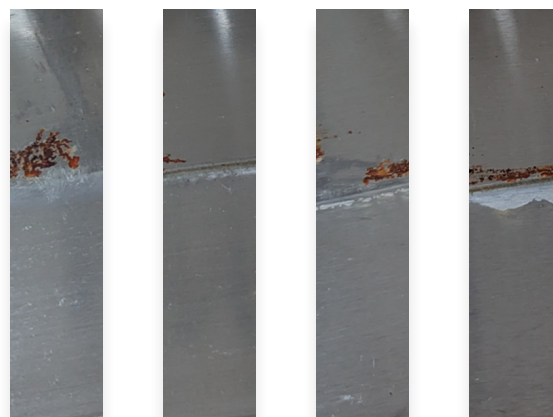
TYPICAL PROPERTIES

Appearance @ 25°C	Transparent Light to Medium Amber Liquid
I:A Ratio	1.80 MIN
% imidazoline	70% MIN
pH (2% 70:30 IPA/AQ)	11.0 MIN
Color, Gardner BYK	11 MAX
Specific Gravity @ 21°C	0.91 – 0.94



PERFORMANCE TESTING

Cola[®]Zoline VS demonstrates comparable corrosion protection to the TOFA derived version in the following test.



TOFA (TD)

VS

TOFA (TD)

VS

Bare Steel

Ground Steel

STORAGE / HANDLING

Cola[®]Zoline VS (ME) should be stored in closed containers. Shipped in poly drums (net weight 181.4 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.me.

NOTE: Avoid sample storage in polyethylene terephthalate (PET) containers. Alternatives could be HDPE or glass.



**Colonial
Chemical**
M.E. ARABIA