



Product

COUNTER RUST™ 6046

Type

Metal Protection
Oxide of a petroleum wax

Application

Counter Rust 6046 is a mixture of relatively high molecular weight organic acids, lactones and ester derived from the high pressure oxidation of petroleum fractions. Counter Rust 6046 is primarily used in the formulation of rust preventive and metalworking formulations. Metal soaps (e.g. zinc or calcium) of Counter Rust 6046 are proven effective in formulating rust preventives effective against salt spray, humidity or acid atmospheres.

Typical Properties

Test	Typical
Appearance	Waxy Solid
Color, Diluted	8.0
Total acid number, mg KOH/g	44
Saponification Number, mg KOH/g	95
Density at 100° C, kg/m ³	900
Congeval melt point °C	60
Ash Content, wt. %	0.5 Max
Sediment ml/100g	0.3

Benefits

- Economic and effective chemical intermediate for formulating rust preventive.
- Worldwide registrations including REACH
- Excellent wetting properties
- Boost corrosion protection and lubricity when neutralized.

Storage and Handling

Recommended Maximum Long Term Storage Temperature	Ambient
Flash Point COC	Min 150° C



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