Supplier - SMART OIL
Smart Base RP9890

Phosphate Ester Based Corrosion Inhibitor
Water-Based Corrosion Inhibitors

Typical Properties

Appearance Yellow to Brown Liquid Specific Gravity@25°C 1.020 - 1.160 pH Value (5% Water Dilution) 8.1 - 9.1 Copper Corrosion Test (55 \pm 2°C soaked thoroughly, 4hrs) Grade A Aluminium Corrosion Test (55 \pm 2°Csoaked thoroughly , 4hrs) Grade A Monlithic Antirust Test (35 \pm 2°C, 24 hrs) Grade A

Product Description

SMART BASE RP9890 is a highly concentrated non-ferrous metal corrosion inhibitor containing alkanolamine, carboxylate and triazole derivatives. It is suitable for formulation of soluble oils, semi-synthetic and synthetic fluids.

SMART BASE RP9890 can effectively protect various types of aluminum alloys; including 319 (cast aluminum alloy), 2024-T3 (high copper aluminum alloy), 6061 (high magnesium aluminum alloy) and 7075 (high zinc aluminum alloy). It can also protect copper and cast iron.

SMART BASE RP9890 posesses good anti-wear and lubricating characteristics that can attain synergistic effect when used with polymeric esters.

SMART BASE RP9890 can be used as tankside additive, and can also be used as short-term rust inhibitor after dilution with water.

Product Features:

- Will not reduce pH value when added in formulations;
- Will improve lubricity and AW properties;
- Good har Appalications and Aw property

Concentrate Tankside Suggested Treat Rates, %wt

1 - 5 0.05

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