

Technical Data Sheet



RP 610 Barium Salt Rust Preventative Package

General

RP 610 is a high performance rust preventative package based on barium salt.

RP 610 is low viscosity and easy to blend. It is soluble in solvent and mineral oil to meet a full range of treat level and performance requirements.

RP 610 contains polar compounds which have magnetic attraction to metals. It offers excellent water displacement & separation properties, and rust protection for most metals. It leaves an ultra thin, almost colorless protective film on the metal surface, when blended with carriers.

Features and Benefits

- Outstanding salt spray protection
- Excellent water displacing & separating properties
- Non-corrosive to a variety of non-ferrous metals
- Leaves a thin, colorless protective film
- Excellent compatibility with most solvent and mineral oil
- Low viscosity, easy to be blend

Typical physical and chemical properties

Appearance	Amber liquid
Specific Gravity @ 25°C	0.993
Flash Point, COC, °C	126
Viscosity @40°C	122

Recommended blend ratios

A. Oily film

4-20%	RP 610
0-3%	Glycol ester
Balance	Mineral oil

The treat level of RP610 is based on actual demands.

1-3% glycol ester can be added to improve the water displacing property, when the treat level of RP610 is low; there is no need for glycol ester when RP 610 is on a high treat level.

B. Volatile

4-12%	RP 610
Balance	Solvent

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Product features

- Exceptional versatility;
- Outstanding lubricity;
- Excellent rust prevention and oxidation resistance;
- Superior cleaning performance, easy to wash off after use;
- Effective foam suppression with low foaming;
- High product stability;
- Remarkable corrosion resistance and resistance to odor formation.

Application

RP 610 can be used for protection of finished parts in indoor storage for at least twelve months, as well as short period of outdoor exposure.

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