

Petcor 7500

High Melt Point, Barium Free Rust and Corrosion Inhibitor

Description

Petcor 7500 is a non-emulsifiable, alkali resistant, water displacing rust preventative which is particularly effective at removing water from metal parts after machining operations or alkali cleaning. Free from heavy metals, Petcor 7500 offers an improved environmental profile as well as helping reduce disposal costs.

Petcor 7500 offers excellent solubility with a wide range of base stocks or petroleum solvents, depending on the type of film required. It offers high stability in the presence of alkali and demulsibility at all additive concentrations.

The most effective protective film is obtained from solvent cutbacks of Petcor 7500 once the solvent has evaporated. Oil blends will produce softer coatings which are less effective. The water displacement and non-emulsifying properties (even in the presence of alkali) are not affected by the use of oil or solvent.

Petcor 7500 contains no Barium.

Application

- Use as a rust and corrosion inhibitor. Protection is obtained from solutions containing as little as 5% Petcor 7500.
- Concentrations of 5% to 15% Petcor 7500 in mineral spirits will provide humidity cabinet protection for 30 to 90 days or more.
- When used in low concentrations, the water displacing characteristics will be improved by adding 1% to 3% of a suitable dewatering agent.

Typical Properties

Property	Typical	Method
Appearance	Brown Waxy Solid	Visual
Specific Gravity @20°C	0.905	ASTM D1298
Flash Point (COC, °C)	178	ASTM D92
Saponification Number (mgKOH/gm)	45	ASTM D94
TBN (mgKOH/gm)	28	ASTM D664
Melting Point (°C)	75	ASTM D87

Storage and Handling

Consult the SDS for specific information.

The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.