

Petcor-2910

DESCRIPTION

Petcor-2910 is a nonemulsifiable, alkali resistant, water displacing rust preventative which is particularly effective displacing water from metal parts after machinery operations or alkali cleaning. It's non-staining characteristics are very desirable in these applications.

Petcor-2910 can be blended with solvents, kerosene or oil, depending on the type of film desired. The most effective protective film is obtained from solvent cutbacks of Petcor-2910 after evaporation of the solvent. The oil blends produce softer coatings which were found to be less effective. The water displacement, non-staining and the non-emulsifying properties, even in the presence of alkali, are not affected by the use of oil or solvent.

APPLICATIONS

Protection is obtained from solutions containing as little as 5% Petcor-2910. Finished compounds formulated with Petcor-2910 will not emulsify in the presence of strong alkali. Formulations containing Petcor-2910 have excellent water displacing properties. At low concentrations of Petcor-2910, the use of 1% to 3% of a coupling agent will improve the water displacing properties.

TYPICAL CHARACTERISTICS

Test	ASTM	Typical Result
Specific Gravity @ 20 °C	D-1298	0.930
Viscosity (cSt) @ 100 °C	D-445	12.50
Flash Point (°C) COC	D-92	160
Saponification Number (mg KOH/gm)	D-94	38
Total Base Number (mg KOH/gm)	D-664	16
Total Acid Number	974	4.0
Sulfated Ash (Wt.%)	D-482	8.0
Melting Point (°C)	D-87	38
Total Barium (Wt. %)	D-3712	4.5

SOLUBILITY

Oils, Solvents, Kerosene