

T.C. 180 Rinse Aid

PRIMARY APPLICATION

T.C. 180 is a liquid additive designed to improve the performance of primary cleaning solutions. It is suitable for use with acidic, alkaline or water-miscible solvent materials in spray washers or soak tanks. T.C. 180 helps remove difficult soils such as oils, grease, drawing compounds and shop soils that might normally require impractical and costly increases in time, temperature or concentration of the base material. A real energy saver, the material permits removal of difficult soils at reduced temperatures.

T.C. 180 is particularly useful as an additive to three-state T.C. 625-LW iron phosphating materials, substantially improving cleaning results. Non-silicated, nonphosphated, biodegradable, the material may also be used alone as a neutral cleaner in spray washing machines.

CHEMICAL CHARACTERISTICS

Chemical composition	Blend of organic detergents and solvents
Physical form	Light yellow liquid
Odor	Slight butyl
Bulk density	8.8 lbs/gal at 68°F (1056 grams/liter at 20°C)
Specific gravity	1.057 at 68°F, ASTM 1298
Viscosity	36 cps, Brookfield Spindle 1, 60 rpm
Flash point	None
Foaming tendency	Low at 120°F (49°C) or above; moderate to high below
Recommended diluent	Water or water solutions of acid, alkaline or water miscible solvent materials
Maximum solubility	Complete
Rinseability	Good
Behavior in hard water	Good
Biodegradable	Yes
Phosphate-free	Yes
Normal working concentrations	1/2 to 4% by volume of the entire cleaning solution