DePHOS P-6LF-AS

DePHOS P-6LF-AS is a very low foaming, anionic phosphate ester in free acid form, based on an aromatic ethoxylated alcohol. It is suggested for use as a hydrotrope, lubricant and detergent in a variety of applications.

SPECIFICATIONS

Appearance @ 25°C: Clear, very viscous, yellow liquid
Color* (Gardner): 3 max.
% Activity: 99% min.
pH (10% in DI water): < 2.5
Acid Value #1 (pH 5.0 - 5.5): 160 - 175
Acid Value #2 (pH 9.0 - 9.5): 300 - 325

* Darkens on aging.

SOLUBILITY (10% by weight): DePHOS P-6LF-AS is soluble in water, alcohols, and glycols. It is insoluble in oils and solvents.

TYPICAL PROPERTIES

Density @ 25°C ~1.29 g/ml
VOC 9.7 grams/liter (ASTM E1868-10 / SCAQMD RULE 1144)

• Very low foam
• Excellent alkaline & electrolyte stability
• Hydrotrope
• Lubricant

• Approved for use as inert in non-food pesticide formulations
• Detergent

APPLICATIONS

• Low foam, high electrolyte cleaners
• Hydrotrope for nonionics in highly alkaline cleaners
• Alkaline powdered detergents
• High temperature pressure spray cleaners
• Low foam, mild acid cleaners
• Mechanical dishwashing
• Low foam, water based chain lubricants

• Synthetic coolants and water based cutting fluids
• Metalworking formulations
• Low foam, all purpose cleaners
• Mechanical hard surface cleaning
• Metal cleaner

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