

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