

DePHOS HP-739

DePHOS HP-739 is a high phosphorous content anionic phosphate ester supplied in free acid form. It is recommended for use as an extreme pressure additive, lubricant and corrosion inhibitor in metalworking applications. High foaming when neutralized.

SPECIFICATIONS

Appearance @ 25°C:	Colorless to yellow liquid
Color (Gardner):	4 max.
% Moisture:	1.0% max.
Acid Value II (pH 9.0 -9.5):	290 - 330

SOLUBILITY DePHOS HP-739 is soluble in oil and solvents in free acid form. Water soluble when neutralized to pH \geq 7.5

TYPICAL PROPERTIES

pH	< 3.0
% Phosphorous	12.0 -13.0
% Actives	99% min.
Density @ 25°C	~1.03 g/ml

- Low foam in free acid form
- Moderate to high foam when neutralized to pH \geq 7.5
- Excellent wetting
- Emulsifier
- Lubrication
- Extreme pressure properties
- Corrosion inhibitor

APPLICATIONS

- Emulsifier in soluble oils
- Neutralized product effective in synthetic coolants and cutting fluids
- Forms W/O and O/W emulsions for degreaser formulations
- Rolling oils
- Emulsion cleaners
- Extreme pressure applications
- Emulsion polymerization
- Hydraulic fluids
- Alkaline cleaners
- Chain Lubricants
- Bottle lubricants