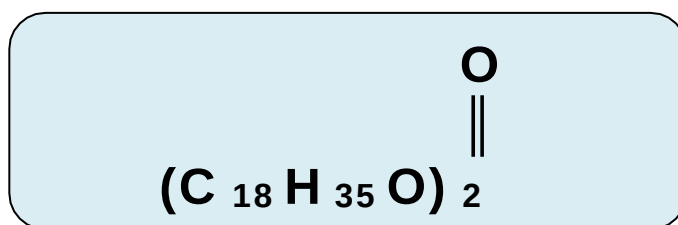




DOVERPHOS 253

Dioleoyl Hydrogen Phosphite

Doverphos 253 is dioleoyl hydrogen phosphite. It is a liquid dialkyl phosphite with a relatively high molecular weight and low phosphorus content. **Doverphos 253** can be used as a co-stabilizer with mixed metal stabilizers used in PVC applications, but the main use for it is in lube applications as an additive for metalworking fluids. Typical use levels can range from 0.1 to 3.0%.



Dioleoyl Hydrogen Phosphite

TYPICAL PROPERTIES

Property	Typical Result
Physical Form	Clear Liquid
Molecular Weight	582
Phosphorus, %	5.3
Density, lb/gal	7.5
Viscosity, cps @ 25°C	35
Color, Gardner	<3

SPECIFICATIONS

Parameter	Specification	Test Method
Refractive Index @ 25°C	1.4640-1.4700	ASTM D1218
Specific Gravity @ 25° C	0.880-0.910	ASTM D1298

*Specifications subject to change without notice.

Doverphos 253 can become hazy or solidify when exposed to cold temperatures (<32°F; <0°C). If that occurs, gently warm with mild agitation to >60°F; >15°C, or until the product clarifies. No performance detriment is expected.

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