

Lanphos TE43

Specification	Appearance at 25°C	:	Clear yellow liquid free from foreign matter
	Acid Value mg.KOH/g	:	112.0 - 120.0
	Free Nonionic Value %	:	17.0 - 25.0

Typical Properties	Composition	:	Alcohol ether phosphate ester (acid form)
	CAS Number	:	68071-35-2
	Odour	:	Characteristic
	Viscosity at 40°C (cP)	:	1846
	Specific Gravity at 25°C	:	1.032
	Solubility in Water	:	Dispersible
	Pour Point °C	:	10
	Flash Point Closed Cup °C	:	>150

Wetting Scale



Typical properties are based on our own measurements and do not constitute part of the sales specification

Application Lanphos TE43 is a phosphate ester manufactured using polyphosphoric acid resulting in a product that gives predominately mono-esters.

The main advantage of a phosphate ester over a conventional anionic is its excellent stability in high concentrations of acid, alkali and electrolyte. This product is supplied in acid form and can be neutralised with a number of differing bases to produce a salt.

Lanphos TE43 offers good wetting, detergency, lubricity and emulsification properties.

Packaging Lanphos TE43 can be supplied in bulk road tankers, IBC's and 200kg nett drums.

Storage Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lanphos TE43 in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.