

EXOfos PA-1300

CHEMICAL NAME	Isotridecyl Phosphate Ester
INCI NAME	-
CAS NUMBER	-
FUNCTION	Component of lubricants and processing fluids
TECHNICAL REQUIREMENTS	<p>Appearance at a temperature of (20±25) °C liquid</p> <p>Color (Gardner) at temperature (20±25) °C max 4</p> <p>Acid Value (to the first inflection point), mg KOH/g recorded</p> <p>Acid Value (to the second inflection point), mg KOH/g ...230 ÷ 255</p> <p>Phosphoric Acid, %(m/m).....recorded</p> <p>Water, % (m/m)max 1,0</p>
GENERAL DATA	<p>Solubility in water good</p> <p>Density at 20°C, g/mL approx. 0,98</p> <p>pH of 1% aq/EtOH solutionapprox. 2.5</p> <p>Phosphorus, %(m/m)..... 8.1</p>
APPLICATION	EXOfos PA-1300 is a free acid phosphate ester made from a branched alcohol. This product exhibits good lubricity and EP properties for metalworking formulations. It also contributes wetting and detergency characteristics for metal cleaning applications.