

Chemax NDO-917

CHEMICAL NAME	Polymerized Ester
INCI NAME	-
CAS NUMBER	Proprietary
FUNCTION	Lubricant, Corrosion Inhibitor, Wetting Agent
TECHNICAL REQUIREMENTS	Color (Gardner)..... 10 Maximum Specific Gravity @ 25°C..... 1.003 Typical Acid Value..... 24 Typical Viscosity @ 100°C, cSt..... 270 Typical Viscosity @ 40°C, cSt..... 2508 Typical
GENERAL DATA	Appearance @ 25°C..... Clear, Viscous, Light Amber Liquid Pounds Per Gallon.....8.37 Viscosity Index..... 255
APPLICATION	<p>Chemax NDO-917 is a synthetic polymerized ester designed to enhance performance and finish in severe metalworking applications. Chemax NDO-917 has a molecular weight that gives it the right structure to replace chlorinated paraffin's. It is a branch chain fatty acid which has excellent hydrolytic, oxidation and biostability properties. Chemax NDO-917 was made for water extendable fluids like soluble oils and semi-synthetics to provide excellent lubrication. Treatment levels of 1%-8% into the concentrate are suggested. Since Chemax NDO-917 is based on Tall Oil Fatty Acid which contains a higher unsaturation level, it is not recommended for neat oils or drawing and stamping applications where high temperatures are expected, because this could cause varnishing.</p>

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