

Chemax NDO-917

CHEMICAL NAME	Polymerized Ester
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CAS NUMBER	Proprietary
FUNCTION	Lubricant, Corrosion Inhibitor, Wetting Agent
TECHNICAL REQUIREMENTS	Color (Gardner)10 MaximumSpecific Gravity @ 25°C1.003 TypicalAcid Value24 TypicalViscosity @ 100°C, cSt270 TypicalViscosity @ 40°C, cSt2508 Typical
GENERAL DATA	Appearance @ 25°C Clear, Viscous, Light Amber Liquid Pounds Per Gallon
APPLICATION	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.

Revision Date: 18.05.2016

Information presented herein has been given in good faith and to the best of our current knowledge and experience. The compliance of specific properties of the supplied product with the data given herein and its fitness for the intended purpose should be checked before the product is used. The producer reserves the right to modify the information presented herein as a result of technological development and improvement of the product by the producer. PCC Chemax, Inc. 30 Old Augusta Rd. Piedmont, SC 29673 United States of America

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