



## **K-Ox™ P600/45** **Oxidized Hydrocarbon Intermediate**

### **GENERAL DESCRIPTION**

K-Ox™ P600/45 is a synthetic fatty acid made from petroleum hydrocarbons. K-Ox™ P600/45 may be used as a total or partial replacement for natural fats, oils, or fatty acid in the formulation of cutting, drawing, spinning, and rolling oils. It is not subject to bacterial degradation as are the natural fats. K-Ox™ P600/45 is a rust preventive intermediate which is readily converted to a variety of metallic soaps.

### **TYPICAL PROPERTIES (NOT SPECIFICATIONS)**

		<b>P600/45</b>
Total Acid Number, mgKOH/g	ASTM D974	50
Saponification Number, mgKOH/g	ASTM D94	110
Appearance	Visual	Dark Amber
Congeeing Point, °F (°C)	ASTM D938	140 (60)
Specific Gravity @ 15.6°C	ASTM D1298	0.90
Density, Pounds per Gallon @ 15.6°C	ASTM D1475	7.5

### **APPLICATIONS**

The high melting soaps of K-Ox™ P600/45 (calcium, zinc, barium, etc.) are effective as solvent cut back rust preventives. Alone or in combination with gelled sulfonates, oils, resins, other waxes or petrolatum, these compounds provide excellent resistance to humidity and salt spray. The metallic soaps of K-Ox™ P600/45 can be blended with asphaltic materials to formulate automotive undercoats as well as other hard type rust preventives with excellent exterior durability. Amine and alkanolamine soaps made from K-Ox™ P600/45 are also excellent rust inhibitors which are emulsifiable.

### **AVAILABILITY**

K-Ox™ P600/45 is available in Bulk Shipments and 55-Gallon Drums.

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