

Chemfac PB-264

CHEMICAL NAME	Organic Phosphate Ester
INCI NAME	-
CAS NUMBER	68511-37-5
FUNCTION	Extreme Pressure Additive, Emulsifier, Lubricant
TECHNICAL REQUIREMENTS	Color (Gardner)..... 2 Maximum Water, %..... 2.0 Maximum Acid Value (to pH 9.5)..... 150 – 180 Acid Value (to pH 5.5)..... Report Flash Point, °C..... 300 Minimum pH (10% Aqueous)..... 1.3 – 2.5 pH (Neat)..... 1.2 Maximum Refractive Index..... 1.458 – 1.462 Viscosity @ 25°C (#3 spindle, 100rpm, cSt)..... 650 – 900
GENERAL DATA	Appearance @ 25°C..... Light Yellow Liquid Pounds Per Gallon..... 8.75 Specific Gravity @ 25°C..... 1.05 Aqueous Solubility..... Dispersible Phosphorus, %..... 6.1
APPLICATION	Chemfac PB-264 is a free acid phosphate ester which exhibits lubricity and emulsification properties in metalworking fluids. In addition to these primary attributes, this material also provides some corrosion inhibition properties and wetting and detergency characteristics.

Revision Date: 19.05.2016