

## **CP-4220-320**

### **PRODUCT DESCRIPTION**

CP-4220 series products are specifically designed lubricants for industrial applications where air temperatures often exceed 500°F. They are a stable dispersion of Molybdenum disulfide in an ashless polyolester synthetic fluid.

CP-4220 series products may also be used for other applications where the combination of heat stable lubricating oil and an adherent solid lubricating film provide a low coefficient of friction and prevention of metal-to-metal contact even when the synthetic fluid film volatilizes.

### **ADVANTAGES**

Reduced wear, improved extreme pressure properties and friction reduction are combined with high temperature stability. The synthetic lubricant provides a fluid film of higher temperatures than mineral oils. If temperatures rise to the point that the synthetic fluid volatilizes, no residue remains except an adherent film of molybdenum disulfide. This lubricating film remains on the wear surface to temperatures approaching 750°F.

Low volatility characteristics help to provide a longer lasting fluid film, increasing lubrication intervals and reducing lubricant consumption. CP-4220 series products have a high autoignition point which reduces the possibility of oven fires. Lower volatility also reduces smoke to provide a cleaner environment. A high boiling point allows the lubricant to penetrate and lubricate wear surfaces on hot chains.

Excellent thermal stability and an ashless synthetic carrier fluid reduce carbon and varnish build up. In fact, CP-4220 series products have natural detergency properties that often help to clean up parts already contaminated by inferior lubricants. The result of reduced carbon build up and the improved lubricity of a solid film lubricant is energy savings.

### **TYPICAL PROPERTIES\***

### **CP-4228-320**

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Viscosity@40°C,cSt, ASTM D445	296
Viscosity @100°C,cSt	32
Viscosity @100°F	331.96
Viscosity @210°F	32.96
Viscosity Index ASTM D2270	149
Density ,lb/gal, 60°F	8.29
Autoignition Temp. °F (°C) ASTM D2155	865(463)
Flash point C.O.C., °F (°C) ASTM D92	520(271)
Lubricating Solid	Molybdenum Disulfide
Specific Gravity, ASTM D1298	0.996

\*These values are not intended for use in preparing specifications

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