Vertical CHEMICAL SOLUTIONS
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TECHNICAL DATA SHEET

VCS 8088 COMPONENT

VCS 8088 is a zinc dialkyl dithiophosphate made from a single primary alcohol. **VCS 8088** is typically used as a component to formulate antiwear hydraulic additives. **VCS 8088** can also be used as an additive to provide enhanced antiwear and anti-oxidation properties to grease, metalworking fluids and crankcase lubricants.

BENEFITS

- Provides excellent antiwear and anti-oxidation properties
- Excellent hydrolytic stability
- High thermal stability
- Very good solubility

APPLICATION

The recommended treat level for **VCS 8088** ranges from 0.5% to 1.5% by weight, depending on the severity of the operation, in a suitable base stock.

CHARACTERISTICS

Physical	Typical
Flash Point, ASTM D92	120°C min
Specific Gravity @15.6 °C, ASTM D1298	1.11 (9.25 lb/gal)
Viscosity @ 40°C, ASTM D7042	300 cSt
Viscosity @ 100°C, ASTM D7042	27 cSt
Chemical	
Zinc, ASTM D6481	9.5%
Sulfur, ASTM D6481	15.0%
Phosphorus, ASTM D6481	7.6%

RECOMMENDED BLENDING, HANDLING & STORAGE CONDITIONS

VCS 8088 can be blended using mechanical or in-line blending equipment at temperatures between 60°F (16°C) and 158°F (70°C). It may be heated up to 158°F (70°C) for unloading or transfer, but should not be stored long-term at temperatures above 113°F (45°C).

NOTE: Values indicated are typical physical properties and are not specification limits. Seller offers no warranty, expressed or implied, concerning the suitability of this product for any particular purpose.