

VCS 8033 COMPONENT

VCS 8033 is a mixed primary and secondary zinc dialkyl dithiophosphate. **VCS 8033** is typically used as a component to provide antiwear, corrosion inhibition and anti-oxidation to grease, metalworking fluids and crankcase lubricants.

BENEFITS

- Provides excellent antiwear and anti-oxidation properties
- Low volatility
- Very good solubility

APPLICATION

The recommended treat level for **VCS 8033** ranges from 0.4% to 4.0% 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	1.15 (9.59 lb/gal)
Viscosity @ 40°C, ASTM D7042	130 cSt
Viscosity @ 100°C, ASTM D7042	9 cSt
Chemical	
Zinc, ASTM D6481	9.2%
Sulfur, ASTM D6481	18.5%
Phosphorus, ASTM D6481	8.8%

RECOMMENDED BLENDING, HANDLING & STORAGE CONDITIONS

VCS 8033 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.

