

VCS Z121

VCS Z121 is used for Greases and Metalworking Fluids.

Composition

Zinc Dialkyldithiophosphate with secondary alkyl groups

TYPICAL CHARACTERISTICS

Property	Unit	Specifications	Typical Value	Test Method
Appearance	-	Clear Liquid		Visually
Color	-	3.0 max	1.5	ASTM D 1500
Viscosity, 40°C	cSt	180.0 - 260.0	220.0	ASTM D 445
Density, 20°C	g/cm ³	1.10 - 1.16	1.14	ASTM D 941
Zinc	%	8.5 - 10.0	9.0	QCD/TM/151 (Titration)
Sulfur	%	16.4 - 17.6	17.0	QCD/TM/234 (LECO)
Phosphorus	%	8.2 - 8.8	8.5	QCD/TM/311 (ICP-OES)
Copper Corrosion - 1% in mineral base oil		1a -1b	-	ASTM D 130
Flash Point	°C	150 min	-	ASTM D 92
	°C	121 min	-	ASTM D 93
Mineral Oil Content	%	18 - 22	20.0	Calculated

RECOMMENDED BLENDING, HANDLING & STORAGE CONDITIONS

Store in a cool and dry place. Stable for up to 24 months from the date of manufacturing when stored in the original packing material in a cool and dry environment. It has a maximum recommended handling/blending temperature of 60°C.

PACKAGING

Available in 200 kg drums.

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.

