

VCS Z101R

VCS Z101R is used for Hydraulic Oil, Metalworking Fluids and Industrial Gear Oil, and Greases.

Composition

Zinc Dialkyldithiophosphate with primary 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	255.0 -325.0	150.0	ASTM D 445
Density, 20°C	g/cm ³	1.09 - 1.17	1.10	ASTM D 941
Zinc	%	9.0 - 10.0	9.5	QCD/TM/151 (Titration)
Sulfur	%	16.5 - 17.5	16.5	QCD/TM/234 (LECO)
Phosphorus	%	8.5 – 9.4	8.5	QCD/TM/311 (ICP-OES)
Copper Corrosion – 1% in mineral base oil		1a-1b	-	ASTM D 130
Flash Point	°C	150.0 min	-	ASTM D 92
	°C	121.0 min	-	ASTM D 93
Mineral Oil Content	%	14.0 -16.0	15.0	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.

