



## PRODUCT INFORMATION

# DIAMOND BLUE 3000 SERIES

COMPRESSOR LUBRICANTS FOR CONTAMINATED ENVIRONMENTS

### PROPERTIES

	Test Method	3000-32	3000-46	3000-68
<b>COLOR</b>		Clear	Clear	Clear
<b>ISO VG GRADE</b>	ISO 3448	32	46	68
<b>VISCOSITY @ 40 C</b>	ASTM D445	32.0 cSt	46.0 cSt	68.0 cSt
<b>VISCOSITY @ 100 C</b>	ASTM D445	6.1cSt	7.52	9.0 cSt
<b>VISCOSITY INDEX</b>	ASTM D2270	129	129	130
<b>POUR POINT</b>	ASTM D5950		-24C (-11F)	
<b>DENSITY @ 25C</b>	ASTM D1298	0.84 g/cm <sup>3</sup>	0.84 g/cm <sup>3</sup>	0.84 g/cm <sup>3</sup>
<b>FLASH POINT</b>	ASTM D92		248C (478F)	
<b>FIRE POINT</b>	ASTM D92		280C (536F)	
<b>TOTAL ACID NUMBER</b>	ASTM D664	0.4 mg KOH/g	0.4 mg KOH/g	0.4 mg KOH/g
<b>CORROSION PROTECTION</b>	ASTM D665B Salt water test	Pass	Pass	Pass
<b>COPPER CORROSION</b>	ASTM D130	Shiny 1B	Shiny 1B	Shiny 1B
<b>HYDROLYTIC STABILITY</b>	ASTM D2619			
<b>WEIGHT CHANGE OF COPPER</b>		-0.075 mg/cm <sup>2</sup>	-0.033 mg/cm <sup>2</sup>	-0.05 mg/cm <sup>2</sup>
<b>% VISCOSITY CHANGE @ 40C</b>	ASTM D445	-0.09%	0.0%	0.0%
<b>TAN CHANGE</b>	ASTM D974	-0.14 mg KOH/g	-0.16 mg KOH/g	-0.15 mg KOH/g
<b>TAN OF WATER LAYER</b>	ASTM D974	5.38 mg KOH/g	4.37 mg KOH/g	5.0 mg KOH/g
<b>INSOLUBLES</b>		0.001%	0.001%	0.001%

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