

T5018Ashless Guide Lubricant Additive Package

Description:

BT5018 is a kind of ashless slideway lubricant Additive Package. It can provide good oxidation resistance, stable anti-corrosion and anti-rust performance, and effective anti-friction and anti-creep performance. It is formulated by various kinds of the excellent additives, including high quality TBN Booster Calcium Sulfonate, High Temperature Antioxidant, Antiwear EP Additive, Rust Preventative Anti-rust Additive, Friction Modifier, etc.

Recommend Dosage	
Performance	Dosage(W%)
L-HG L-G	2

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L-HG L-G	2

Characteristics	
Item	Typical Value
Appearance	Transparent liquid
Kinematics Viscosity(100°C)mm ² /s	Report
Flash point, °C	> 110
Sulfur content, wt%	≥5.0
Phosphorus content, wt%	≥2.5

Recommend Scheme-1: Take blending slideway oil-68# for example. Using Group II base oils--150N and 500N.

Application Examples And Test Items	Typical Value	Slideway Oil - 68#	Test Method
150N		21	
500N		77	
BT5018A		2	

	GB/T11118 .1 L-HG	SH/T036 1 L-G	Report	
Kinematics Viscosity 40°C,mm²/s	61.2~74.8		68.94	GB/T265
Copper Corrosion 100°C 3h, rating	≤1	--	1b	GB/T5096
Copper Corrosion 60°C 3h, rating	--	≤2	--	
Liquid Phase Rust Test, method A	Rustless	Rustless	Rustless	GB/T1114 3
Wear Scar Diameter(392N,60min,75°C,1200r/min) /mm	Report	--	0.46	SH/T0189
Wear Scar Diameter(200N,60min,1500r/min)/mm	--	≤0.5	0.29	
Pour Point,°C(without PPD)	≤-6	--	--	GB/T3535
	--	≤-9	-18	
Demulsification, 54°C,min	Report	--	40-37-3(7)	GB/T7305
Antifoaming,ml/ml				GB/T1257 9
Before 24°C	150/0	--	20/0	
93.5°C	75/0		20/0	
After 24°C	150/0		20/0	

Recommend Scheme-2:Take blending slideway oil-68# for example. Using paraffin Group I base oils--150N and 500N.

Application Examples And Test Items	Typical Value		Slideway Oil - 68#	Test Method
150SN			22	
500SN			76	
BT5018A			2	
	GB/T11118 .1 L-HG	SH/T036 1 L-G	Report	
Kinematics Viscosity 40°C,mm²/s	61.2~74.8		66.82	GB/T265

Copper Corrosion 100°C 3h,rating	≤1	--	1b	GB/T5096
Copper Corrosion 60°C 3h,rating	--	≤2	--	
Liquid Phase Rust Test, method A	Rustless	Rustless	Rustless	GB/T1114 3
Wear Scar Diameter(392N,60min,75°C,1200r/min) /mm	Report	--	0.45	SH/T0189
Wear Scar Diameter(200N,60min,1500r/min)/mm	--	≤0.5	0.31	
Pour Point,°C(without PPD)	≤-6	--	--	GB/T3535
	--	≤-9	-12	
Demulsification 54°C,min	Report	--	40-37-3(9)	GB/T7305
Antifoaming,ml/ml				GB/T1257 9
Before 24°C	150/0	--	40/0	
93.5°C	75/0		20/0	
After 24°C	150/0		40/0	