

Certificate of Analysis

Date : 2022-03-22

Product	Kixx ATF DX-III_BULK	Product Code	L2509L00K1	Batch No.	10300246
Date Produce	2022-03-14	Date Tested	2022-03-14	Remark	

Test Item	Unit	Test Method	Specification	Test Result	Remark
Color, ASTM	-	ASTM D1500	1.5,6.5,L7.0,7.0,L7.5,7	7.0	
Density,@15°C	kg/L	ASTM D4052	To be reported	0.8426	
Viscosity,Kinematic,@40°C	mm ² /s	ASTM D445	To be reported	33.49	
Viscosity,Kinematic,@100°C	mm ² /s	ASTM D445	6.80 ~ 7.50	6.982	
Viscosity Index	-	ASTM D2270	Min 170	176	
Foam Tend Seq II	mL	ASTM D892	Max 50	20	
Stab Seq II	mL	ASTM D892	Max 0	0	
Water	-	CRACLE	Negative	Negative	
Pour Point	°C	ASTM D97	Max -40	-51	
Phosphorous Content	ppm	ICP	205 ~ 254	224	
Foam Tend Seq I	mL	ASTM D892	Max 50	10	
Stab Seq I	mL	ASTM D892	Max 0	0	
Foam Tend Seq III	mL	ASTM D892	Max 50	10	
Stab Seq III	mL	ASTM D892	Max 0	0	
Nitrogen Content	mg/L	ASTM D4629	647 ~ 877	813.000	
Viscosity,Brookfield,@-30°C	cP	ASTM D2983	Max 5000	3480	
Viscosity,Brookfield,@-40°C	cP	ASTM D2983	Max 20000	10020	
Flash Point,COC	°C	ASTM D92	Min 200	232	
Copper Corrosion,3hr @150°C	-	KS M2018	Max 1b		
Sulfur Content	mg/L	ASTM D4294	730 ~ 992	977	
Rust-Preventing Char.	-	ASTM D665, Proc A	Pass	Pass	
Oxidation Stab.ISOT(@150°C,96hr)	-	KS M2021			
Viscosity Ratio @40°C	-	KS M2010	Max 2	1	
TAN Increase	mg KOH/g	KS M2010	Max 2.0	-0.90	
Lacquer Rate	-	KS M2021	No Lacquer	No adhesion	

The Product is manufactured in an ISO9001:2015 certified facility.
 We guarantee the above test results conform with specifications.

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Quality Assurance Section Chief