

Certificate of Analysis

Date : 2022-03-22

Product	Kixx ATF DX-VI	Product Code	L2524L00E1	Batch No.	10300345
Date Produce	2022-03-15	Date Tested	2022-03-15	Remark	

Test Item	Unit	Test Method	Specification	Test Result	Remark
Color, ASTM	-	ASTM D1500	1.0,6.0,L6.5,6.5,L7.0,7	7.0	
Density,@15°C	kg/L	ASTM D4052		0.8433	
Viscosity,Kinematic,@40°C	mm ² /s	ASTM D445	Max 32.0000	28.10	
Viscosity,Kinematic,@100°C	mm ² /s	ASTM D445	Max 6.4000	5.745	
Viscosity Index	-	ASTM D2270	Min 145	152	
Foam Tend Seq II	mL	ASTM D892	Max 30	15	
Stab Seq II	mL	ASTM D892	Max 0	0	
Phosphorous Content	mass %	AM-S280.20	0.0143 ~ 0.0200	0.0197	
Water	-	CRACLE		Negative	
Pour Point	°C	ASTM D97	Max -40	-51	
Nitrogen Content	mg/L	ASTM D4629	0.110 ~ 0.151	0.140	
Viscosity,Brookfield,@-30°C	g/cm ² /s	ASTM D2983	Max 5000	2136	
Viscosity,Brookfield,@-40°C	cP	ASTM D2983	Max 15000	8300	
Foam Tend Seq I	mL	ASTM D892	Max 30	10	
Stab Seq I	mL	ASTM D892	Max 0	0	
Foam Tend Seq III	mL	ASTM D892	Max 30	10	
Stab Seq III	mL	ASTM D892	Max 0	0	
Flash Point,COC	°C	ASTM D92	Min 180	220	
Copper Corrosion,3hr @100°C	-	ASTM D130	1a,1b	1a	
Calcium Content	ppm	ICP	80.0 ~ 150.0	125.000	
Sulfur Content	mass %	ASTM D2622	0.15 ~ 0.19	0.1842	
TAN	mg KOH/g	JIS K2501		1.93	
Rust-Preventing Char.	-	ASTM D665, Proc A	Pass	Pass	
Oxidation Stab.ISOT(@165.5°C,72hr)	-	JIS K2514			
-Vis. Ratio,@40°C	-	JIS K2514	Max 1.1	1.02	
-TAN Increase	mg KOH/g	JIS K2514	Max 2.5	-0.86	

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

최용호

Quality Assurance Section Chief