



Date : 20.03.2025.

TEST - CERTIFICATE DSIR APPROVED LAB

PRODUCT : "KV LITE ECO F3 - AR SFFF 3x3% UL LISTED"
(ALCOHOL RESISTANT SYNTHETIC FLUORINE FREE FOAM - 3X3 %)

Batch No.	: 2503/247	Test Report No. : 28
Batch Size.	: 3201 Litres.	Month of Mfg. : Mar-2025
		Month of Exp. : Feb-2035

Tested as per UL 162 Standard & Internal Specification.

Sl. No.	TESTS & ANALYSIS	SPECIFIED VALUES	OBSERVATIONS
Chemical and Physical Properties at 20°C +/- 5°C			
i)	Apperance	Orange colour viscous liquid	Orange colour viscous liquid
ii)	pH	7.1 ± 0.5	7.42
iii)	Specific gravity	1.03 ± 0.02	1.031
iv)	Viscosity S4 spindle/60rpm (cPs)	1600 ± 500	1409 cps
Fire Performance Requirements			
i)	* Expansion at 20°C +/- 5°C	As per UL 162 clause 10.3	7.44
ii)	* 25 Percent drainage time at 20°C +/- 5°C	As per UL 162 clause 10.2	62 Min 45 Sec
iii)	* Fire Test (On Polar Solvent)	As per UL 162 clause 12	
	a) Fire extinction time	5 mins (Maximum)	Passes the test.
	b) Burn back (Stove pipe test)	Area under fire shall be < 10 Sq. ft in 5 mins	Self Extinguished-Passes the test.
iv)	* Fire Test (On N - Heptane)	As per UL 162 clause 12	
	a) Fire extinction time	5 mins (Maximum)	Passes the test.
	b) Burn back (Stove pipe test)	Area under fire shall be < 10 Sq. ft in 5 mins	Self Extinguished-Passes the test.

Remarks : 1. * Type test are carried as per UL-162 standard.

2. As per the analysis the product passes all above tests & conforms to UL 162 standard.

Prepared By :



Approved By

G.R.N.No. 000.765.....

Date : ..08/05/2025..

Invoice No : KV.0.144/25-26

Date : ..05/05/2025..

Q.C. Pass