

LABORATORY TEST REPORT

PRODUCT NAME: SHIELD WARRIOR HLP 68	DATE : 29/04/2025
BATCH. NO: SL/25-04/186	LAB.SR.NO. – 113

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION	BATCH TEST REPORT
1	Appearance	Visual		Clear & Bright	Clear & Bright
2	Crackle test	Visual		Nil	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/ml	Report	0.8585
4	Colour	ASTM D 1500		L2.5 Max.	L0.5
5	Kinematic Viscosity @ 40°C	ASTM D 445	cSt	61.2 Min. - 74.8 Max.	70.13
6	Kinematic Viscosity @ 100°C	ASTM D 445	cSt	Report	9.40
7	Viscosity Index	ASTM D2270		90 Min.	111
8	Foaming, Tendency/Stability.	ASTM D 892			
	Sequence I at 24±0.5°C		ml	150/0 Max.	10/0
	Sequence II at 93.5±0.5°C		ml	75/0 Max.	20/0
	Sequence III at 24±0.5°C		ml	150/0 Max.	10/0
9	Demulsibility @ 54°C±1°C	ASTM D1401	minutes	40 – 37-3 (30) Max.	40-40-0(20)
10	Tan	ASTM D974	MgKOH/g	1 Max.	0.52
11	Flash Point, COC	ASTM D92	°C	210 Min.	218
12	Pour Point	ASTM D-97	°C	-15 Min.	- 21

REMARK : SAMPLE PASS

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