



LABORATORY TEST REPORT

PRODUCT NAME:SHIELD WARRIOR HLP 68 ISO VG 68	DATE : 12/01/2021
BATCH. NO: SL/21-01/1363	LAB.SR.NO-633

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min.	Max.	
1	Appearance	Visual	-	Clear & Bright		Clear & Bright
2	Crackle test			Nil		Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m ³	Reported		0.8685
4	Colour	ASTM D 1500		L2.5 Max.		L0.5
5	Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s	61.2	74.8	65.54
6	Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s	Reported		9.05
7	Viscosity Index	ASTM D2270		90		113
8	Foaming, Tendency/Stability.	ASTM D 892		-		
	Sequence I at 24±0.5°C	-	ml	-	150/0	0/0
	Sequence II at 93.5±0.5°C	-	ml	-	75/0	0/0
	Sequence III at 24±0.5°C	-	ml	-	150/0	0/0
9	Demulsibility @ 54°C±1°C	ASTM D1401	minutes	-	40 – 37-3 (30)	40-40-0(20)
10	Tan	ASTM D974	MgKOH/g		1	0.93
11	Flash Point, COC	ASTM D92	°C	210		228
12	Pour Point	ASTM D-97	°C		-15	-21

Remark: sample pass

Tested By: Anil Jarhad

Approved By: Sandip Bhayaje