



LABORATORY TEST REPORT

PRODUCT NAME: SHIELD WARRIOR HVI 22	DATE : 02/03/2020
BATCH NO: SL/20-03/2975	

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		0.8272
4	Colour	ASTM D 1500		L2.5 Max.		L0.5
5	Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s	19.80	24.20	19.88
6	Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s	Reported		4.30
7	Viscosity Index	ASTM D2270	-	90		125
8	Foaming, Tendency/Stability.	ASTM D 892				
	Sequence I at 24±0.5°C	-	ml	-	150/0	30/0
	Sequence II at 93.5±0.5°C	-	ml	-	75/0	10/0
	Sequence III at 24±0.5°C	-	ml	-	150/0	20/0
9	Demulsibility @ 54°C±1°C	ASTM D1401	minutes	-	40 – 37-3 (30)	40-40-0(15)
10	Total Acid Number	ASTM D-974	MgKoh/g	1		0.79
11	Flash Point ,COC	ASTM D-92	°C	150		212
12	Pour Point	ASTM D-97	°C		-15	-24

Remark: sample pass

Tested By: Anil Jahrad

Approved By: Sandip Bhayaje