



LABORATORY TEST REPORT

PRODUCT NAME: SHIELD HYDRAULIC OIL AW 68	DATE : 06/01/2025
BATCH NO : SL/25-01/1697	LAB.SR.NO. – 1156

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	0.8423
4	Colour	ASTM D 1500	....	L2.5 Max.	L1.0
5	Kinematic Viscosity @ 40°C	ASTM D 445	cST	61.2 Min. - 74.8 Max.	68.38
6	Kinematic Viscosity @ 100°C	ASTM D 445	cST	Report	10.80
7	Viscosity Index	ASTM D2270	....	90 Min.	147
8	Pour Point	ASTM D97	°C	-3 Min.	-30
9	Flash Point ,COC	ASTM D92	°C	210 Min.	216
11	Foaming, Tendency/Stability	ASTM D892			
	Sequence I at 24±0.5°C		ml	150/0 Max.	20/0
	Sequence II at 93.5±0.5°C		ml	75/0 Max.	30/0
	Sequence III at 24±0.5°C		ml	150/0 Max.	20/0
12	Demulsibility @ 54°C±1°C	ASTM D1401	minutes	40 – 37-3 (30) Max.	40-40-0(20)
13	TAN	ASTM D974	MgKoh/gm	Report	0.51

REMARK: SAMPLE PASS

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