



**Shield Lubricants & Specialities Pvt. Ltd.**

## LABORATORY TEST REPORT

PRODUCT NAME: SHIELD HYDRAULIC OIL AW 68	DATE : 29/05/2019
BATCH NO: SL/19-05/1482	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Clear & Bright		Cl & Br
2	Crackle test	....	....	Nil		Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m <sup>3</sup>	Report		0.8681
4	Colour	ASTM D 1500			L2.5	L2.0
5	Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s	61.2	74.8	65.63
6	Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s	Report		8.804
7	Viscosity Index	ASTM D2270	....	90		107
8	Foaming, Tendency/Stability.	ASTM D 892		-		
	Sequence I at 24±0.5°C	-	ml	-	150/0	100/0
	Sequence II at 93.5±0.5°C	-	ml	-	75/0	60/0
	Sequence III at 24±0.5°C	-	ml	-	150/0	80/0
9	Demulsibility @ 54°C±1°C	ASTM D1401	minutes	-	40 – 37-3 (30)	40-40-0(30)

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By:

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