



LABORATORY TEST REPORT

PRODUCT NAME: SHIELD HYDRAULIC OIL AW 46	DATE : 15/01/2019
BATCH NO: SL/19-01/973	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Cl & Br	-	Cl & Br
2	Crackle Test				Nil	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m ³	Report	-	0.8499
4	Colour	ASTM D 1500			L2.5	L1.0
5	Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s	Report	-	6.967
6	Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s	41.4	50.6	43.04
7	Viscosity Index	ASTM D 2270		90	-	120
8	Foaming, Tendency/Stability.	ASTM D 892		-		
	Sequence I	-	ml	-	150/10	120/0
	Sequence II	-	ml	-	150/10	40/0
	Sequence III	-	ml	-	150/10	120/0
9	Demulsibility @ 52°C	ASTM D1401	minutes	-	40 – 37-3 (30)	40-40-0(25)

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By: