



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME: SHIELD HYDRAULIC OIL AW 46	DATE : 10/03/2018
BATCH NO: SL/18-03//810	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Cl & Br	-	Cl & Br
2	Water Content	ASTM D1744	%(mm)		<0.1	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m ³	Report	-	0.8569
4	Colour	ASTM D 1500			L2.5	L1.5
5	Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s	Report	-	6.66
6	Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s	41.4	50.6	43.57
7	Viscosity Index	ASTM D 2270		90	-	105
8	Flash Point (COC)	ASTM D 92	deg.C	180		222
9	Pour Point	ASTM D 97	deg.C	-	-9	-9
10	Foaming,Tendency/Stability.	ASTM D 892		-		
	Sequence I	-	ml	-	100/10	20/0
	Sequence II	-	ml	-	100/10	30/0
	Sequence III	-	ml	-	100/10	20/0
11	Demulsibility @ 52°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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