



Shield Lubricants & Specialities Pvt. Ltd.

LABORATORY TEST REPORT

PRODUCT NAME: SHIELD PERFORMANCE FORMULA 4T SAE 20W40	DATE : 02/06/2018
BATCH NO: SL/18-05//189(GOLDEN)	

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Cl & Br	-	Cl & Br
2	Water Content	Water Content			Nil	Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m ³	Report	-	0.8870
4	Colour	ASTM D 1500			L3.0	L2.5
5	Kinematic Viscosity @ 100°C	ASTM D 445	mm ² /s	14	15.50	14.54
5	Kinematic Viscosity @ 40°C	ASTM D 445	mm ² /s	Report		132.4
7	Viscosity Index	ASTM D 2270		110	-	110
8	Flash Point (COC)	ASTM D 92	deg.C	220		236
9	Pour Point	ASTM D 97	deg.C	-	-24	-24
10	Foaming, Tendency/Stability.	ASTM D 892		-		
	Sequence I	-	ml	-	25/0	0/0
	Sequence II	-	ml	-	150/0	0/0
	Sequence III	-	ml	-	25/0	0/0
11	Total Base Number	ASTM D2896	MgKOH/g	7		7.90

Remark: sample pass

Tested By: Sandip Bhayaje

Approved By:

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