



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

**LABORATORY TEST REPORT**

<b>PRODUCT NAME: SHIELD HYDRAULIC OIL AW 46 ISO VG 46</b>	<b>DATE : 22/12/2020</b>
<b>BATCH NO: SL/20-12/1246</b>	<b>LAB SR NO -568</b>

SR.NO	TEST	TEST METHOD	UNIT	SPECIFICATION		BATCH TEST REPORT
				Min	Max	
1	Appearance	Visual	-	Clear & Bright		Clear & Bright
2	Crackle test	....	....	Nil		Nil
3	Density @ 29.5°C	ASTM D 1298	Kg/m <sup>3</sup>	Reported		0.8504
4	Colour	ASTM D 1500			L2.5	L0.5
5	Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s	41.4	50.6	45.11
6	Kinematic Viscosity @ 100°C	ASTM D 445	mm <sup>2</sup> /s	Report		7.35
7	Viscosity Index	ASTM D2270	....	90		126
9	Flash Point	ASTM D92	°C	200		228
10	Pour Point	ASTM D97	°C		-3	-16

**Remark: sample pass**

**Tested By: Anil Jarhad**