



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

## **LABORATORY TEST REPORT**

<b>PRODUCT NAME : SHIELD MFL 150 ISO VG 150</b>	<b>DATE : 09/12/2020</b>
<b>BATCH NO : SL/20-12/1187</b>	<b>LAB.SR.NO-532</b>

<b>SR. NO.</b>	<b>TEST</b>	<b>TEST METHOD</b>	<b>UNIT</b>	<b>SPECIFICATION</b>		<b>BATCH TEST REPORT</b>
				<b>MINIMUM</b>	<b>MAXIMUM</b>	
<b>1</b>	<b>Appearance</b>	<b>Visual</b>	<b>....</b>	<b>Clear &amp; Bright</b>		<b>Clear &amp; Bright</b>
<b>2</b>	<b>Crackle Test</b>	<b>Visual</b>	<b>....</b>	<b>Nil</b>		<b>Nil</b>
<b>3</b>	<b>Colour</b>	<b>ASTM D-1500</b>	<b>....</b>	<b>L3.0 Max.</b>		<b>L0.5</b>
<b>4</b>	<b>Density @29.5°C</b>	<b>ASTM D-1298</b>	<b>Kg/m<sup>3</sup></b>	<b>Reported</b>		<b>0.8711</b>
<b>5</b>	<b>Kinematic Viscosity @ 40°C</b>	<b>ASTM D-445</b>	<b>mm<sup>2</sup>/s</b>	<b>135</b>	<b>165</b>	<b>142.1</b>
<b>6</b>	<b>Kinematic Viscosity @ 100°C</b>	<b>ASTM D-445</b>	<b>mm<sup>2</sup>/s</b>	<b>Reported</b>		<b>16.70</b>
<b>7</b>	<b>Viscosity Index</b>	<b>ASTM D-2270</b>	<b>....</b>	<b>90</b>		<b>126</b>
<b>8</b>	<b>Flash Point , COC</b>	<b>ASTM D-92</b>	<b>Deg.C</b>	<b>230</b>		<b>242</b>
<b>9</b>	<b>Pour Point</b>	<b>ASTM D-97</b>	<b>Deg.C</b>		<b>-3</b>	<b>-6</b>

**Remark: sample pass**

**Tested By: Sandip Bhayaje**