



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

## LABORATORY TEST REPORT

|                                   |                   |
|-----------------------------------|-------------------|
| PRODUCT NAME: HYDRAULIC OIL AW 46 | DATE : 30/01/2025 |
| BATCH NO: SL/25-12/1875           | LAB.SR.NO: 1270   |

| SR.NO | TEST                        | TEST METHOD | UNIT  | SPECIFICATION           | BATCH TEST REPORT |
|-------|-----------------------------|-------------|-------|-------------------------|-------------------|
| 1     | Appearance                  | Visual      | ...   | Clear & Bright          | Clear & Bright    |
| 2     | Crackle test                | Visual      | ...   | Nil                     | Nil               |
| 3     | Density @ 29.5°C            | ASTM D 1298 | Kg/ml | Report                  | 0.8413            |
| 4     | Colour                      | ASTM D 1500 | ....  | L2.5                    | L1.0              |
| 5     | Kinematic Viscosity @ 40°C  | ASTM D 445  | cSt   | 41.40 Min. - 50.60 Max. | 47.00             |
| 6     | Kinematic Viscosity @ 100°C | ASTM D 445  | cSt   | Report                  | 8.06              |
| 7     | Viscosity Index             | ASTM D2270  | ...   | 90 Min.                 | 144               |
| 8     | Flash Point , COC           | ASTM D-92   | ...   | 200 Min.                | 212               |
| 9     | Pour Point                  | ASTM D-97   | ...   | -3 Min.                 | -12               |

REMARK – SAMPLE PASS

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DISCLAIMER: THIS IS A COMPUTER-GENERATED REPORT AND DOES NOT REQUIRE A PHYSICAL SIGNATURE.

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