



LABORATORY TEST REPORT

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| PRODUCT NAME: SHIELD HARD QUECH SQ | DATE : 19/03/2018 |
| BATCH NO: SL/18-03//845 | |

| 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 | - | 0.8690 |
| 4 | Colour | ASTM D 1500 | | | L2.5 | L1.0 |
| 5 | Kinematic Viscosity @ 100°C | ASTM D 445 | mm ² /s | Report | - | 5.69 |
| 6 | Kinematic Viscosity @ 40°C | ASTM D 445 | mm ² /s | 28.8 | 35.2 | 33.85 |
| 7 | Viscosity Index | ASTM D 2270 | | 90 | - | 107 |
| 8 | Flash Point (COC) | ASTM D 92 | deg.C | 180 | | 216 |
| 9 | Pour Point | ASTM D 97 | deg.C | - | -9 | -12 |
| 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: