**ELECTRICAL TESTING AND CALIBRATION LABORATORY**
A-7, Prime Industrial Estate, Manjusar-Savli Road, B/h. Gurukrupa Farm, Near Manjusar GIDC, Vadodara - 391776.
Gujarat. M : 9265903639 • Email : etcl.india@gmail.com • Web. : http://www.etcl.in

# TEST REPORT



| NAME AND ADDRESS OF CUSTOMER | REPORT No. | RP-2526-2677/01 |
|---|---|---|
| Rosalee Colours Private Limited,<br>C1/137. G.I.D.C Estate,<br>Waghodia-391760. | DATE | 16-02-2026 |
| | CUSTOMER REF No.<br>DATED | Email<br>22-01-2026 |
| | DATE OF SAMPLE RECEIPT | DATES OF TESTING |
| | 23-01-2026 | 27-01-2026 to 07-02-2026 |

**SAMPLE DESCRIPTION**
Hot Oil Resisting Paint.

**SAMPLE IDENTIFICATION**
ETCL sample code No.
ETCL-2677/01

| **TEST DETAILS** | **TEST SPECIFICATION** |
|---|---|
| Compatibility of Hot Oil Resisting Paint with mineral oil (IEC-60296) Inhibited oil | ASTM D3455-2011 |
| 1.Interfacial Tension | ASTM D971:2012 |
| 2.Electric strength (BDV) | IEC 60156: 2018 |
| 3.Color | ASTM D 1500: 2012 |
| 4.Acidity(Neutralization value) | IEC 62021-2: 2007 |
| 5.Dissipation (Power Factor) | IEC 60247: 2004 |

Remarks: The sample conforms to the requirements of mentioned test.

CHECKED BY

ET CL ELECTRICAL TESTING AND CALIBRATION LABORATORY VADODARA

(Mr. J.I.Patel)
APPROVED BY

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REPORT No.: RP-2526-2677/01 DATE: 16-02-2026 SHEET 2 of 2

| Sr No | Test particulars | Requirement as per specification | Obtained value | | Remarks |
|---|---|---|---|---|---|
| 1. | Compatibility of Hot Oil Resisting Paint with Mineral oil<br>At 120°C* for 164 hrs. | | Mineral Oil (800 ml)(Aged) | Mineral Oil (800 mL+ Hot Oil Resisting Paint) (Aged) | |
| | 1) Interfacial tension, mN/m at 27°C | Min. 38 | 44 | 42 | Conforms |
| | 2)Electric strength (BDV),kV (rms) | Min. 28 | 72 | 69 | Conforms |
| | Individual breakdown Voltages, kV: | | 73.9,72.3,71.4, 68.9,73.2,70.8 | 70.9,67.8,68.2, 71.3,67.3,69.2 | |
| | Type of electrodes: | | Spherical | Spherical | |
| | Frequency of the test voltage: | | 50 Hz | 50 Hz | |
| | Oil temperature: | | 26.7°C | 26.6°C | |
| | 3) Color | L0.5(Change) | 0.0 | 0.0 | Conforms |
| | 4) Acidity mg KOH/g of oil (Neutralization value) | Max. 0.03 (Change) | 0.003 | 0.006 | Conforms |
| | 5)Dielectric dissipation factor (Tan δ) at 100°C, (%) | Max. 1.1 | 0.06 | 0.08 | Conforms |

*As requested By the Customer.

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End of Report

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# TEST REPORT



| NAME AND ADDRESS OF CUSTOMER | REPORT No. | RP-2526-2677/02 |
|---|---|---|
| Rosalee Colours Private Limited,<br>C1/137. G.I.D.C Estate,<br>Waghodia-391760. | DATE | 16-02-2026 |
| | CUSTOMER REF No.<br>DATED | Email<br>22-01-2026 |
| | DATE OF SAMPLE RECEIPT | DATES OF TESTING |
| | 23-01-2026 | 27-01-2026 to 07-02-2026 |

**SAMPLE DESCRIPTION**
Rustoprev Blue.

**SAMPLE IDENTIFICATION**
ETCL sample code No.
ETCL-2677/02

| **TEST DETAILS** | **TEST SPECIFICATION** |
|---|---|
| Compatibility of Rustoprev Blue with mineral oil (IEC-60296) Inhibited oil | ASTM D3455-2011 |
| 1.Interfacial Tension | ASTM D971:2012 |
| 2.Electric strength (BDV) | IEC 60156: 2018 |
| 3.Color | ASTM D 1500: 2012 |
| 4.Acidity(Neutralization value) | IEC 62021-2: 2007 |
| 5.Dissipation (Power Factor) | IEC 60247: 2004 |

Remarks: The sample conforms to the requirements of mentioned test.

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REPORT No.: RP-2526-2677/02 DATE: 16-02-2026 SHEET 2 of 2

| Sr No | Test particulars | Requirement as per specification | Obtained value | | Remarks |
|---|---|---|---|---|---|
| 1. | Compatibility of Rustoprev Blue with Mineral oil At 120°C* for 164 hrs. | | Mineral Oil (800 ml)(Aged) | Mineral Oil (800 mL+ Rustoprev Blue) (Aged) | |
| | 1) Interfacial tension, mN/m at 27°C | Min. 38 | 44 | 43 | Conforms |
| | 2)Electric strength (BDV),kV (rms) | Min. 28 | 72 | 67 | Conforms |
| | Individual breakdown Voltages, kV: | | 73.9,72.3,71.4, 68.9,73.2,70.8 | 67.6,69.6,65.6, 66.9,63.3,67.7 | |
| | Type of electrodes: | | Spherical | Spherical | |
| | Frequency of the test voltage: | | 50 Hz | 50 Hz | |
| | Oil temperature: | | 26.7°C | 26.6°C | |
| | 3) Color | L0.5(Change) | 0.0 | 0.0 | Conforms |
| | 4) Acidity mg KOH/g of oil (Neutralization value) | Max. 0.03 (Change) | 0.003 | 0.005 | Conforms |
| | 5)Dielectric dissipation factor (Tan δ) at 100°C, (%) | Max. 1.1 | 0.06 | 0.07 | Conforms |

*As requested By the Customer.

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End of Report