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MT-PML-XX-SP9790

Transformer Oil - Cargill Envirotemp FR3 Fluid - Tote, 275 Gallons

Product ID: 342517

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-PML-XX-SP9790 Transformer Oil

Unit Type: Cargill Envirotemp FR3 Oil

Dimensions: -
Weight: -
Tote Capacity: 275 Gallons
Color: ≤ 1.0
Flash Point PMCC (°C): ≥ 250
Flash Point COC:≥ 275
Fire Point: ≥ 300
Pour Point °C: < - 10
Density at 20°C (g/cm3): ≤ 1.0
Relative Density (Specific Gravity), 15°C: ≤ 0.96
Viscosity (mm2/sec), 100°C: ≤ 15
Viscosity (mm2/sec), 40°C: ≤ 50
Viscosity (mm2/sec), 0°C: ≤ 500
Visual Examination: Bright and Clear
Biodegradation: Readily Biodegradable
Dielectric Breakdown (kV): ≥ 30
Dielectric Breakdown (kV), 1mm Gap: ≥ 20
Dielectric Breakdown (kV), 2mm Gap: ≥ 35
Dielectric Breakdown (kV), 2.5mm Gap: ≥ 35
Gassing Tendency (mm/min): ≤ 0
Dissipation Factor, 25°C (%): ≤ 0.20
Dissipation Factor, 90°C (tanō): ≤ 0.05
Dissipation Factor, 25°C (%): ≤ 4.0
Corrosive Sulfur: Non-corrosive
Water Content (mg/kg): ≤ 200
Acid Number (mg KOH/g): ≤ 0.06
PCB Content: Not Detectable
Total Additives: Max Weight Fraction 5%
Oxidation Stability (48 Hrs, 120°C), Total Acidity (mg/KOH/g): ≤ 0.6
Oxidation Stability (48 Hrs, 120°C), Viscosity at 40°C (mm2/sec): ≤ 30% Increase Over Initial
Oxidation Stability (48 Hrs, 120°C), Dissipation Factor at 90°C (tanō): ≤ 0.5

Approvals/Ratings
ASTM D6871/IEEE C57.147, As Received New Fluid Property Requirements or IEC 627700 Unused New Fluid Property Requirements (Not Typical Values)
Carbon Neutral
Recyclable
No Petroleum, Halogens Silicones or Sulfurs

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

The MT-PML-XX-SP9790 from Larson Electronics is FR3 Oil for oil-immersed transformers. This transformer oil is available in a tote (275 gallons).

The MT-PML-XX-SP9790 provides thermal and electrical insulation for transformers, high voltage electrical equipment and more. The FR3 fluid is K-class, less flammable fluid based on UL definition. This recyclable transformer oil is non-toxic and non-hazardous in soil and water with carbon neutral properties.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

There are no Faqs