

TMC-43E

Identification

Product Name: TMC-43E
 Synonyms: Perfluoro Compounds, C5-18; FC-43

Applications

- Heavy-duty cleaning (co-solvent) - heavy oils, greases, fluxes
- Equivalent to 3M™ FC-43
- Medium-duty cleaning - oils, greases, waxes
- Light-duty cleaning (neat) - particulates, fluoro-lubricants, light oils, fluoropolymers
- Lubricant carrier: fluorocarbons, hydrocarbons, and silicones
- Heat Transfer Fluid

Packaging Information

Sold in:

- 1 gal. Bottle - 11 lbs (5 kg)
- 5 gal. Pail - 44 lbs. (20 kg)
- 55 gal. Drum - 550 lbs. (250 kg)

Physical Properties

Test Items	Specifications
Appearance	Colorless transparent liquid
Purity, %	≤100%
Boiling Point Range	157°C - 162°C
Pour Point °C	-65°C
Density (at 25°C) g/ml	1.790
Solubility of Water in Fluoridation Solution (@25°C)	0 g/100g
Absolute Viscosity (@25°C)	3.21 mPa s
Vapor Pressure (@25°C)	278 pa
Kinematic Viscosity mm ² /s	25°C 1.77
Kinematic Viscosity mm ² /s	45°C 1.012
Coefficient of Expansion °C -1	0.00118
Specific Heat J/(g*°C)	1.32
Thermal Conductivity W/mk	0.5211
Dielectric Strength (0.1" gap)	52.57
Dielectric Constant 25°C 1KHz	5.6
Volume Resistivity Ω*cm	5.06x10 ⁹
Flash Point	None
ODP	0
GWP	1.0
Evaporation Residue, ppm	<1ppm

Storage

Store in a shady and cool, dry and ventilated place. Keep container closed.

