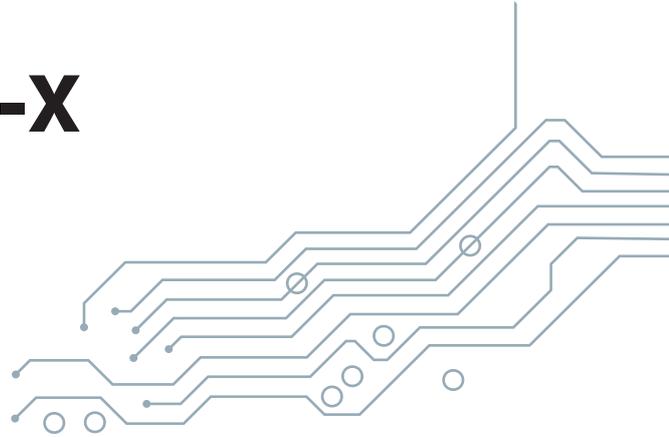


# Doill MEGATRON EV THERMAL FLUID TF-X

## ELECTRICAL VEHICLE THERMAL FLUID FLUID

### Transfer Case and Power Steering

### Fully Synthetic



**Doill EV MEGATRON Thermal Fluid TF-X** is designed to meet the challenges of E-mobility for immersion cooled batteries, inverters and e-motors. They are also suitable as coolants for chargers and cables. **Doill EV MEGATRON Thermal Fluid TF-X** is produced with fully synthetic high base oils. These base oils have a high degree of consistency and an excellent response to antioxidants and have excellent thermodynamic properties combined with a high flash point, excellent oxidative and thermal stability and are compatible with a wide range of construction materials. It is suitable for all temperature ranges encountered in automotive applications, including use down to -40 °C.

### Performance

**Doill EV MEGATRON Thermal Fluid TF-X** the advantages of synthetic oil in automatic transmission transitions:

- Ultra Protection For e-Thermal Fluid
- Excellent Electrical Properties
- Superior Oxidative Stability
- Very good cold flow properties
- Great thermal conductivity and cooling capacity
- Improved oxidation resistance
- Good fire safety
- Higher flash / fire points shows better safety
- Excellent copper protection in both liquid and vapour phase
- Very low electrical conductivity
- Provides excellent oxidation and thermal stability to provide longer fluid life.
- It is fully synthetic.
- It has been tested against all seasonal conditions.

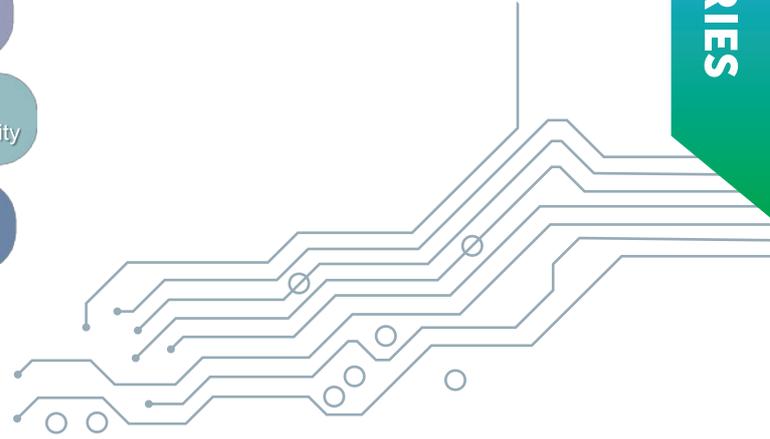
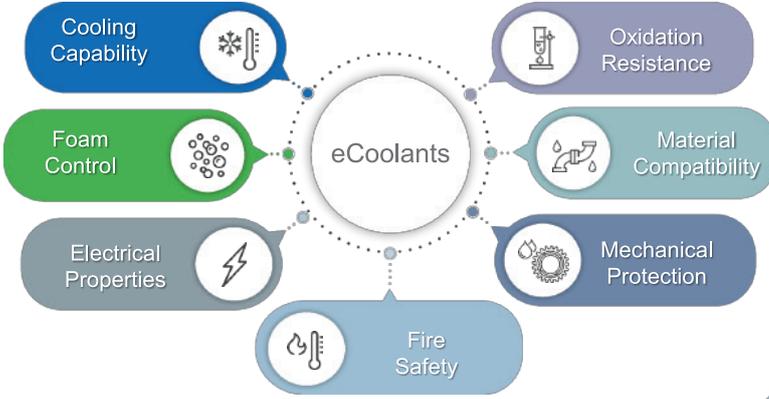
### Suggestions

**Doill EV MEGATRON Thermal Fluid TF-X**, can only be mixed with liquids of similar properties. Replace the product with professional assistance. Before using the product, refer to the vehicle owner's manual. You can contact Doill for detailed information about the use of the product.

### Application

Meets or exceeds the following performance levels:

Castrol ON EV Thermal Fluid is a low viscosity fluid designed for electric vehicles with directly cooled battery thermal management systems. Not for use in indirect, water glycol cooling systems.



### Features and Specifications

Density @ 15 °C, g/cm <sup>3</sup> , ASTM D4052	0.799
Kinematic Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	1,73
Kinematic Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	5,1
Specific heat capacity @ 20°C, kJ/kgK	2.03
Dielectric constant @ 25°C	2.06
Electrical Conductivity, pS/m	< 35
Breakdown Voltage, KV	> 35
Thermal Conductivity @ 25 °C	0,137
Pour Point, °C, ISO 3016	-72
Flash Point, °C, ASTM D92	159

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