

**THERMAL CONDUCTIVITY**

# **AUTOMOTIVE PARTS MANUFACTURER**

## **PLATE HEAT EXCHANGER**

### **AVIENT SOLUTION**

Therma-Tech™ Thermally Conductive Formulation

### **WHY AVIENT?**

- Improved thermal performance by eliminating the effects of corrosion
- Reduced overall part weight
- Provided greater design freedom meaning a more complex part could be designed and molded
- Enabled several heat exchangers to be consolidated into one, saving space in the vehicle and increasing efficiency

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### **KEY REQUIREMENTS**

- High thermal conductivity
- Very good flow rate for thin walls
- Chemical resistance to glycol
- Good aging for both chemical & temperature resistance