

Aircraft Specialty Products

ACCU-COOL[®] HTF-350



Product description: HEAT TRANSFER FLUID

FEATURES:

- ▶ A heat transfer fluid that meets the criteria of Airbus AIMS 09-11-002
- ▶ A clear, colorless liquid
- ▶ Fluoresces a blue color when radiated with a UV light source at 365 nm
- ▶ Heat Transfer Fluid designed for use on the **Airbus A-350 Galley Cooling-Supplemental Cooling System**
- ▶ No flash point (ASTM D93)

KEY BENEFITS:

- ▶ Non-toxic and non-harmful as indicated by the regulation on the Classification, Labelling, and Packaging (CLP, 1272/2008/EC) of Substances and Mixtures
- ▶ All of **Accu-Cool[®] HTF-350** ingredients except deionized water are recognized as safe (GRAS) by the United States Food and Drug Administration (US FDA)
- ▶ **Accu-Cool[®] HTF-350** is available in packaging that is approved for use with specialized **Ground Support Equipment (GSE)**
- ▶ **Shelf Life In Originally Sealed Containers: 10 Years**

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 For more information contact us :
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 Part of 

Aircraft Specialty Products

ACCU-COOL[®] HTF-350



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KEY BENEFITS:

- ▶ The components of **Accu-Cool[®] HTF-350** are listed as food additive (EU List) or are compliant with REACH regulation
- ▶ **Accu-Cool[®] HTF-350** is compatible with most plastics and elastomers. Generally elastomers and other materials that are compatible with uninhibited glycols will work with **Accu-Cool[®] HTF-350**. The same types of pump packing or mechanical seals used for water may be used with **Accu-Cool[®] HTF-350**.

SPECS:

• Airbus AIMS 09-11-002

• Airbus CML 14ACA1

APPLICATIONS:

- ✓ Designed for use on the **Airbus A350** aircraft
- ✓ Applied on **A350 aircraft** using specifically designed **ground support equipment (GSE)** for filling the reservoirs that hold the heat transfer fluid

PHYSICAL PROPERTIES:

- ▶ **Appearance:** Clear liquid that fluoresces under a UV light source of approximately 365 nm
- ▶ **Boiling Point:** 96°C-118°C (205°F-244°F)
- ▶ **Color (APHA):** ≤ 10



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ADDEV MATERIALS

Aircraft Specialty Products

ACCU-COOL[®]
HTF-350



Product description:
HEAT TRANSFER FLUID

PHYSICAL PROPERTIES:

- ▶ **Density @ 25C (77F):** 1.046 to 1.052 g/cm³
 - ▶ **Freezing Point:** -43°C to -51°C (-46°F to -60°F)
 - ▶ **pH:** 9.0 to 10.0
 - ▶ **Refractive Index:** 1.3966 to 1.4008
 - ▶ **Reserve Alkalinity:** ≥ 5.5
 - ▶ **Specific Heat:** 3.4 kJ/kg*K @ 40°C (104°F)
 - ▶ **Thermal Conductivity:** 0.31 W/m*K @ 40°C (104°F)
 - ▶ **Vapor Pressure:** 80 kPa @ 100°C (212°F)
 - ▶ **Water Content:** 38-42%
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AVAILABLE PACK SIZES:

- ▶ 5 Liter (1.3 Gallon) Container-102943
- ▶ 10 Liter (2.6 Gallon) Container-102944
- ▶ 20 Liter (5.2 Gallon) Plastic Containers-102945
- ▶ Other Packaging Available Upon Request

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