

Aircraft Specialty Products

Accu-Cool® HTF-350 Instruction Manual

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Safety Steps and Procedures To Follow Prior To Applying Accu-Cool® HTF-350:

Always refer to the safety data sheet (SDS), technical data sheet (TDS), and label prior to applying **Accu-Cool® HTF-350** if you have any questions about this product.

Always wear gloves, protective eyewear, and protective clothing when handling **Accu-Cool® HTF-350** to prevent the material from making contact with the skin and eyes.

Accu-Cool® HTF-350 Features and Benefits:

Accu-Cool® HTF-350 is a clear and colorless heat transfer fluid with no flash point that is designed for use on the **Airbus A-350 aircraft** and **A-350 Galley Cooling-Supplemental Cooling System**.

Accu-Cool® HTF-350 is available in packaging that is approved for use with specialized **Ground Support Equipment (GSE)**.

Accu-Cool® HTF-350 is non-toxic and not harmful as indicated by the regulation on the **Classification, Labelling, and Packaging (CLP, 1272/2008/EC) of Substances and Mixtures**.

The components of **Accu-Cool® HTF-350** are listed as **food additive (EU List)** or are compliant with the **REACH regulation**.

Accu-Cool® HTF-350 is compatible with most plastics and elastomers and 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**.

Accu-Cool® HTF-350 has a shelf life of **10 years** and fluoresces a blue color when radiated with a UV light source at **365 nm**. An example of **Accu-Cool® HTF-350** fluorescing with a blue color when radiated with a UV light source is shown below.

Accu-Cool® HTF-350 Under UV Light



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Procedures For Applying Accu-Cool® HTF-350:

Accu-Cool® HTF-350 can be applied on Airbus A-350 aircraft using specifically designed **Ground Support Equipment (GSE)** which allows recharging and flushing of the coolant lines for filling the reservoirs that hold the heat transfer fluid. A **coolant top off kit** can also be used to top off the Accu-Cool® HTF-350 in the **A350 coolant reservoir** without having to use a **service cart**.

An example of **Ground Support Equipment (GSE)** and a **coolant top off kit** are shown below.

Ground Support Equipment (GSE)



Coolant Top Off Kit



Places Where Accu-Cool® HTF-350 Should Be Applied:

Accu-Cool® HTF-350 is designed to be used on Airbus A-350 aircraft and the A-350 Galley Cooling-Supplemental Cooling System.

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Accu-Cool® HTF-350 Compatibility With Various Materials:

Material Name	Compatibility With Heat Transfer Fluids
Acrylonitrile butadiene rubber (NBR)	Caution: Most compositions of this polymer are not recommended above 40°C
Aluminum and alloys	Not recommended above 60°C or if copper or copper alloys are also present
Brass with <15% Zinc	Acceptable up to at least 90°C
Brass, Chrome Plated	Acceptable up to at least 90°C
Brass, Nickel Plated	Acceptable up to at least 90°C
Carbon Steel	Acceptable up to at least 90°C
Copper	Acceptable up to at least 90°C
Copper Alloys <15% Zinc and Lead Free	Acceptable up to at least 90°C
Polyoxymethylene (POM)	Not recommended above 30°C
Ethylene Propylene Diene Monomer (EPDM)	Acceptable up to at least 75°C
Fluoroelastomer (FKM)	Caution: Some compositions of this polymer are not recommended above 40°C
Fluorinated Ethylene Propylene (FEP)	Acceptable up to at least 90°C
Polyamide (PA)	Caution: Most compositions of this polymer are not recommended above 40°C
Polychloroprene (CR)	Caution: Most compositions of this polymer are not recommended above 40°C
Polyethylene (PE)	Acceptable up to at least 75°C
Polyphenylene Sulfide (PPS)	Acceptable up to at least 60°C
Polytetrafluoroethylene (PTFE)	Acceptable up to at least 90°C
Polypropylene (PP)	Acceptable up to at least 75°C
Polysulfone or Polyphenylsulfone (PSU, PPSU)	Acceptable up to at least 75°C
Silicone	Caution: Some compositions of this polymer are not recommended above 40°C
Stainless Steel, Solution Treated and Passivated	Acceptable up to at least 90°C

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Accu-Cool® HTF-350 Product Packaging Part Numbers and Additional Materials To Order:

Accu-Cool® HTF-350

- *5 Liter (1.3 Gallon) Container-**102943**
- *10 Liter (2.6 Gallon) Container-**102944**
- *20 Liter (5.2 Gallon) Plastic Containers-**102945**
- *Other packaging upon request

Gloves	Protective Eyewear	Protective Clothing	Reservoirs
Ground Support Equipment		Pump Packing or Mechanical Seals	
UV Lighting Equipment	Coolant Top Off Kit	Service Cart	



← Accu-Cool® HTF-350 10 Liter (2.6 Gallon) Container

For application questions regarding the Accu-Cool® HTF-350, contact Zip-Chem® Aviation Products at (1) 408 782 2335 or zipchem@addevmaterials.com.

 For more information contact us : zipchem@addevmaterials.com

