

FLIGHT DESIGN USA SAFETY DIRECTIVE No.2

Engine coolant

NOTIFICATION

Flight Design USA

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- Scope: CT, CT2K, and CTSW in all versions.

Discussion

Two issues concerning coolant fluids have been noted by Flight Design.

1. Certain engine coolant brands break down above 150°C (302°F). This temperature may be reached in certain parts of the cooling system for brief periods and might not be indicated on the engine instrumentation.
2. Certain engine coolant brands should not be mixed.

Corrective Action

Owner/Operators should only use Rotax recommended engine coolant fluids. Refer to the Rotax Engine Manual.

If the engine coolant shows of sludge or foam, or if the aircraft engine instrumentation indicates that 150°C has been exceeded: drain the coolant, flush the system and refill following the Rotax Engine Manual guidelines.

If the engine coolant needs to be topped-off and the brand in the system is unknown, drain the coolant, flush the system, and refill following the Rotax Engine Manual guidelines.

Reminder

Flight Design reminds the Owner/Operator of a Flight Design aircraft that compliance with all Safety Directives, Aircraft Operating Instructions, Maintenance Manuals as well as the reporting of any and all Safety of Flight or Service Difficulties by the Owner/Operator is *mandatory* for the operation of an S-LSA aircraft.