TEMPORARY REVISION

OM-TR-ODC-E4-008

Gearbox Oil Cooler

This Temporary Revision OM-TR-ODC-E4-008 is approved in conjunction with the Design Change Advisory ODC-E4-008 and is valid in conjunction with the latest revision of the Operation Manual (OM) until this Temporary Revision has been incorporated into the OM.
The limitations and information contained herein either supplement or, in the case of conflict, override those in the OM.
The technical information contained in this document has been approved under the authority of DOA ref. EASA.21J.0399.

Doc. Nr.	Affected Section(s)	Affected Page(s)s
E4.01.01	7	4a

Instruction:

- Print this document on yellow paper (single-sided)
- Insert this cover page as the first page of the OM
- Insert the other pages of this Temporary Revision adjacent to or in front of the corresponding OM pages

7.4 Coolant System

Following subchapter is added before "In the following picture […] is shown.":

7.4.1 Standard Coolant System

Following subchapter is introduced after "For approved coolant refer to chapter 3.5.7.3":

7.4.2 Coolant System with optional Gearbox Oil Cooler

In addition to the standard cooling circuit a Gearbox Oil-Water Heat Exchanger (HEX) is integrated in the circuit (see Fig. 7.2a). The example for an acceptable standard cooling circuit (refer to Fig. 7.2) is only extended by the gearbox HEX.

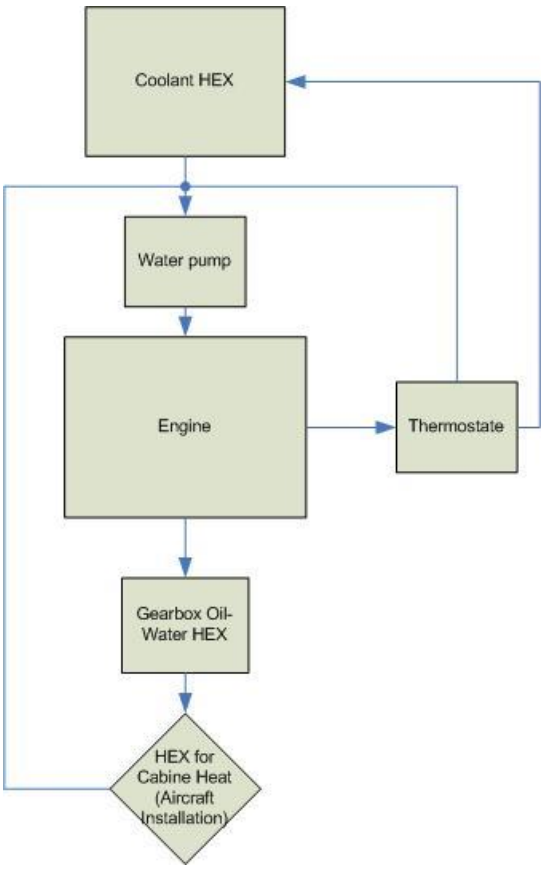

Fig. 7.2a Coolant Circuit with optional Gearbox Oil Cooler

The optional available gearbox oil-water HEX, which is directly installed at the rear side of the gearbox, permits to cool the gearbox oil. An overheating of the gearbox in warm ambient air is minimized with the link of the gearbox oil to the engine water coolant system via the optional gearbox oil-water HEX. In correlation to that the gearbox reaches faster its operating temperature.