



EASA Safety Information Bulletin

SIB No.: 2009-27
Issued: 21 August 2009

Subject: **Magnetic Particles Contamination in the Oil System of Power Transmission Assemblies**

Ref. Publications: UK Air Accidents Investigation Branch (UKAIB) Special Bulletin S5/2009 dated 16 July 2009, and Eurocopter Safety Information Notice (SIN) 2075-S-63 Revision 0 dated 09 July 2009.

Description: As part of the ongoing investigation process following an accident involving a Eurocopter AS332 L2 helicopter, the UKAIB have issued Bulletin S5/2009 which includes two safety recommendations.

In particular, Safety Recommendation Nr. 2009-074 requests that EASA and Eurocopter review the Standard Practice Procedures and EC225LP and AS332L2 Aircraft Maintenance Manuals with respect to instructions regarding gearbox debris identification and the associated actions. This review, initiated by Eurocopter after the accident, has been completed by Eurocopter and EASA and the revised pages of the Standard Practice Manual have been published using Eurocopter Safety Information Notice (SIN) 2075-S-63 Revision 0 (issued 9 July 2009). Information regarding these changes is of general applicability to Eurocopter types and models.

The purpose of this EASA Safety Information Bulletin is to recommend operators to review and incorporate the content of Eurocopter SIN 2075-S-63 in their maintenance instructions, in order to maximise the benefit of maintenance actions following the detection of gearbox magnetic particles.

Applicability: Eurocopter helicopters, as per the applicability of Eurocopter SIN 2075-S-63 Revision 0.

Contacts: For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu.