

ROTAX

AIRCRAFT ENGINES

SERVICE BULLETIN

INSPECTION OF THE PROPELLER GEARBOX WHEN USING LEADED FUEL FOR THE ROTAX® ENGINE TYPE 912/914

SB-912-033

SB-914-020

MANDATORY

Repeating symbols:

Please, pay attention to the following symbols throughout this document emphasizing particular information.

▲ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.

■ **ATTENTION:** Denotes an instruction which if not followed, may severely damage the engine or could lead to suspension of warranty.

◆ **NOTE:** Information useful for better handling.

1) Planning information

1.1) Engines affected

All gearbox of the engine type:

912 A3

912 F3

912 S3

914 F3

If the engines have been run more than 30% of the complete period of operation on leaded fuel (e.g. AVGAS 100L).

1.2) Concurrent ASB/SB/SI and SL

Further to this Service Bulletin the following additional Service Instruction must be observed and complied with.
SI-18-1997 Selection of motor oil, current issue

1.3) Reason

When running the engine on leaded fuel (e.g. AVGAS) lead deposits could result in increased wear of components. Therefore additional periodical maintenance checks are required.

1.4) Subject

Inspection of the propeller gearbox after use of leaded fuel for Rotax® engine type 912/914.

1.5) Compliance

- At the 600 h Maintenance check;

or at the next 100 h check, if the TSN or TSO check of 600 h has already been passed.

◆ **NOTE:** The compliance refers to period of operation of the gearbox which may differ from engine operation time.

▲ **WARNING:** Non-compliance with these instructions could result in engine damage, personal injury or death!

1.6) Approval

The technical content of this Service Bulletin has been approved by ACG.

1.7) Manpower

none

d01152

AUGUST 2002

Initial issue

Copyright - ROTAX®

SB-912-033

SB-914-020

page 1 of 3