

## SERVICE INFORMATION NO. SI 42NG-032

**NOTE:** SI's are used only:  
1) To distribute information from DAI to our customers.  
2) To distribute applicable information/documents from our suppliers to our customers with additional information.  
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected:

All DA 42 NG and DA 42 M-NG airplanes

#### 1.2 Subject:

Measures that result from performing Austro Engine Mandatory Service Bulletin MSB-E4-013/1  
ATA-Code: 72-10

#### 1.3 Reason:

To avoid excessive wear or even malfunction of the propeller control system due to contamination of the gearbox oil with metal flakes.

#### 1.4 Information:

If during performance of Austro Engine Mandatory Service Bulletin MSB-E4-013/1 gearbox oil contamination that exceeds the limits given in Austro Engine Maintenance Manual, Chapter 85-10-21 is found, the following measures must be carried out in order to guarantee correct function of the propeller control system:

- Remove propeller, clean the inside of the propeller hub and ensure that no metal flakes are inside the propeller hub
- Remove governor from the gearbox and send it to MT propeller for inspection
- Inspect propeller un-feathering accumulator
  - Remove propeller un-feathering accumulator and drain gearbox oil in a collecting tray
  - inspect the drained gearbox oil for metal flakes
  - in case metal flakes are found in drained gearbox oil send un-feathering accumulator to MT propeller

All work has to be done in accordance with the applicable maintenance manuals.

### II. OTHERS

In case of doubt contact Austro Engine GmbH or Diamond Aircraft Industries GmbH.