



Service Information
No. SI-E4-013/1

Austro Engine GmbH
Rudolf-Diesel-Strasse 11
A-2700 Wiener Neustadt
Tel: +43 2622 23000
FAX: +43 2622 23000-2711

SERVICE INFORMATION

No. SI-E4-013/1
Supersedes SI-E4-013/0

Distribution:	Portal
Date:	10-May-2022

1. BASIC INFORMATION

1.1. SUBJECT

Oil sampling

1.2. ENGINES AFFECTED

Type: E4
Model: E4, E4P
Serial Number(s): all

1.3. REASON

This Service Information contains information for in-service engine and gearbox oil sampling procedure.

1.4. INFORMATION

Collect a sample of used gearbox or engine oil according to the scheduled maintenance program.

The oil sampling is necessary when:

- Either the scheduled maintenance of engine or gearbox is carried out.
- Or an unscheduled analysis was requested.


Sampling instructions:

- Drain the oil
- When approx. 50% of the oil is drained, take the oil sample from the drain oil stream

NOTE: The sample should be taken directly from the engine.

- Close the sample tube

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The sample must be labeled before shipping for analyze (refer to section 1.4.1).

The label should contain the following information:

- Engine Serial Number
- Aircraft identification
- The total number of hours of the engine in service
- Running time of the engine since the last filling

Correct sampling procedures ensure consistency and reliability of data.

Send the oil sample to the oil analysis laboratory directly.

(In case of AEs 100 hours Service Kit, use the pre-filled envelope)

1.4.1 Oil Sample Labelling

If the oil sample is sent to Spectro Jet-Care laboratory, refer to the following filling information:

- Customer
 - The name of the company/maintenance center should be indicated there.
Note: The customers who need a login, please provide the Spectro ID number for their login details.
- Aircraft Type
 - DA40, DA42, DA62, etc. (Note that there is no need to add any "-").
- Aircraft Registration
 - The complete registration of the aircraft which is written on the tail.
- Engine Type
 - E4-A, E4-B, E4-C, E4P-B, or E4P-C
- Engine Serial Number
 - **Important field** → The complete engine serial number, which can be found on the engine log book as well as the engine block on the identification plate. (e.g. E4-A-12345, E4P-C-98765, please consider the "-")
- Engine Position
 - For twin engine aircraft, specify the engine from which the oil sample is taken (LH, or RH). For the single engine aircrafts, please use "C" (center) for position.
- Engine Hours
 - **Important field** → The Engine hours should be stated accurately in terms of flight hours, not airframe hours. Without this information, the analysis is not possible.
- Engine Cycles
 - The number of landings of the engine. This field is not mandatory.

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- Oil Hours
 - The number of hours is the life of the oil since the replacement.
- Oil Type
 - The brand and the type of the oil which has been used.
(e.g. Aeroshell Diesel Ultra 5w-30)
- Sample Date
 - The date on which the sampling was performed. DD/MM/YYYY
- Comment
 - If any additional explanation is necessary, it could be filled in this section.

All fields should be filled readable and accurately. By filling the fields incorrectly, the result may be delayed and incorrectly analyzed.


A completed sample of the sticker is provided below for reference.

 	*Customer (to receive analysis report*) Austro Engine / ID: 00112233		AE00001	
	*Aircraft Type DA40		*Aircraft Registration OE-XXX	
	*Engine Type E4-A		*Engine Serial Number E4-A-12345	
	Engine Position C	Engine Hours 123:45	Engine Cycles 125	
	Oil Hours 123:45	*Oil Type Aeroshell Diesel Ultra 5w-30	*Sample Date 24/02/2022	
	* MANDATORY - Missing information may result in a delayed report.			
	Comment XXX			

* AE00001 *

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2. REMARKS

NOTE: SI are used only:

- To distribute information from Austro Engine GmbH to our customers.
- To distribute applicable information/documents from our suppliers to our customers with additional information.

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