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# ACM enhanced maintenance solutions

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A320 CEO/NEO

**LIEBHERR**

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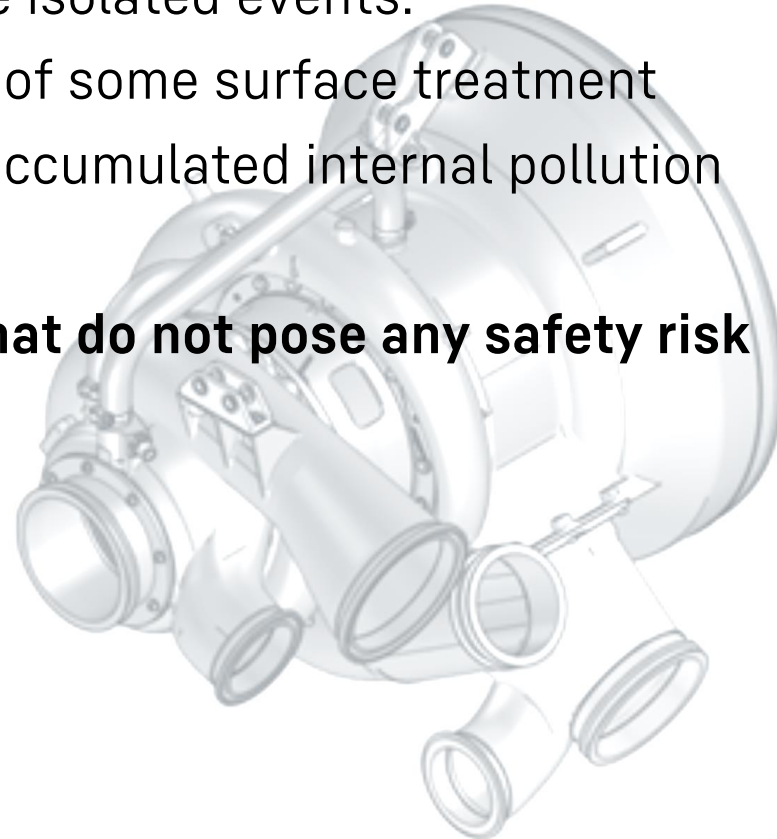
# Agenda

- 1 ACM reliability status and in-service events
- 2 Liebherr enhanced maintenance solutions for ACM



# 1. ACM reliability status and in-service events

- Liebherr Air Cycle Machines for A320 Family (CEO & NEO) perform above industry standards and guaranteed reliabilities.
  
  - The failure of an ACM could generate some isolated events:
    - Smell in cockpit/cabin due to burning of some surface treatment
    - Smoke in cabin due to the release of accumulated internal pollution
- Despite this, these are **isolated events that do not pose any safety risk**



## 2. Liebherr enhanced maintenance solutions for ACM

- Liebherr can propose a preventive maintenance plan to reduce the OI due to the ACM failure.
- This enhanced maintenance plan consists in:
  - Removing the ACM and sending it to Liebherr shop for refurbishment at a defined interval.
  - A specific interval calculation can be made as a service for each customer with dedicated tailored statistical analysis.
  - Several scopes could be proposed depending on customer needs:
    - From replacement of wear parts which are key performance drivers
    - To global overhaul and warranty extension services

**Contact your nearest Liebherr Aerospace Service Center for further details**

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**Thank  
you**

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