

AIR ANALYSIS CERTIFICATE

DSC-2026-000590

Service date: 23.03.2026

Valid until: 23.03.2027

Result: **Approved**

Equipment details

Customer: Havforskningsinstituttet
Producer: Alkin
Serial no: 954249
Service interval: 12 months

Location: AVD Bergen
Model: W31
Build year: 2022

Notes before analysis

The sample was taken with an Alkin Digital Analyzer EN1202. The Alkin digital analyzer detects both mineral and synthetic oil.

Measured values

| Parameter | Value | Unit | Requirement | OK |
|-----------|--------|-------------------|--|----|
| CO | 0.00 | ppm | Max 5 ppm (endret 01.01.2014) | ✓ |
| CO2 | 398.00 | ppm | Max 500 ppm* | ✓ |
| Oil | 0.000 | mg/m ³ | 0,5 mg/m ³ *** | ✓ |
| H2O | 43.000 | mg/m ³ | Max 50 mg/m ³ ved 200 bar. Max 35 mg/m ³ ved 300 bar. Direkte fra kompressor: 25 mg/m ³ . | ✓ |
| O2 | 20.90 | % | 21,0 % ± 1 % | ✓ |

Concluding notes

*The value 0 indicates no visible response.

** The atmosphere contains approximately 300–450 ppm CO₂, and the desiccant (molecular sieve) absorbs CO₂ when the filter is new. Tests performed immediately after a filter change may therefore show values lower than atmospheric levels.

*** Alkin Digital Analyzer detects both mineral and synthetic oil.

The air should not contain significant taste or odor.

Technician

Technician: Daniel Kristensen

Signature

