

# 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 <sup>3</sup>	0,5 mg/m <sup>3</sup> ***	✓
H2O	43.000	mg/m <sup>3</sup>	Max 50 mg/m <sup>3</sup> ved 200 bar. Max 35 mg/m <sup>3</sup> ved 300 bar. Direkte fra kompressor: 25 mg/m <sup>3</sup> .	✓
O2	20.90	%	21,0 % ± 1 %	✓

## Concluding notes

\*The value 0 indicates no visible response.

\*\* The atmosphere contains approximately 300–450 ppm CO<sub>2</sub>, and the desiccant (molecular sieve) absorbs CO<sub>2</sub> 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

