

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

