





System:	COOL COMPRESSOR	Customer:	DAIKIN BELGIUM(DAB-EN)
Sump Capacity:	10 L	Address:	AV.FRANKLIN 1B
Lubricant:	EMKARATE RL 68H ISO 68	Your customer:	XEIKON WESTERLO
Labocodenbr:	114752-NN.9	Your ref.:	
Samplenumbr:	29.09.23 B004		
Labelnumber:	425000015119		
Date sample drawn:	12.09.2023		
Sampling:	by client		

Diagnostic  Oil  Pollution  Wear 

Pollution of the oil by a huge amount of silicon. Wear elements within tolerance. The other characteristics are considered as normal.

Action

Results:	Method*	Unit	Current sample	29.09.23 B004
Analysis date			29/09/2023	18/12/2018
Date of receipt			29/09/2023	18/12/2018
Sample date			12/09/2023	?
H/Km Oil			?	5120 H
H/Km total			?	7555 H
Top up			?	?

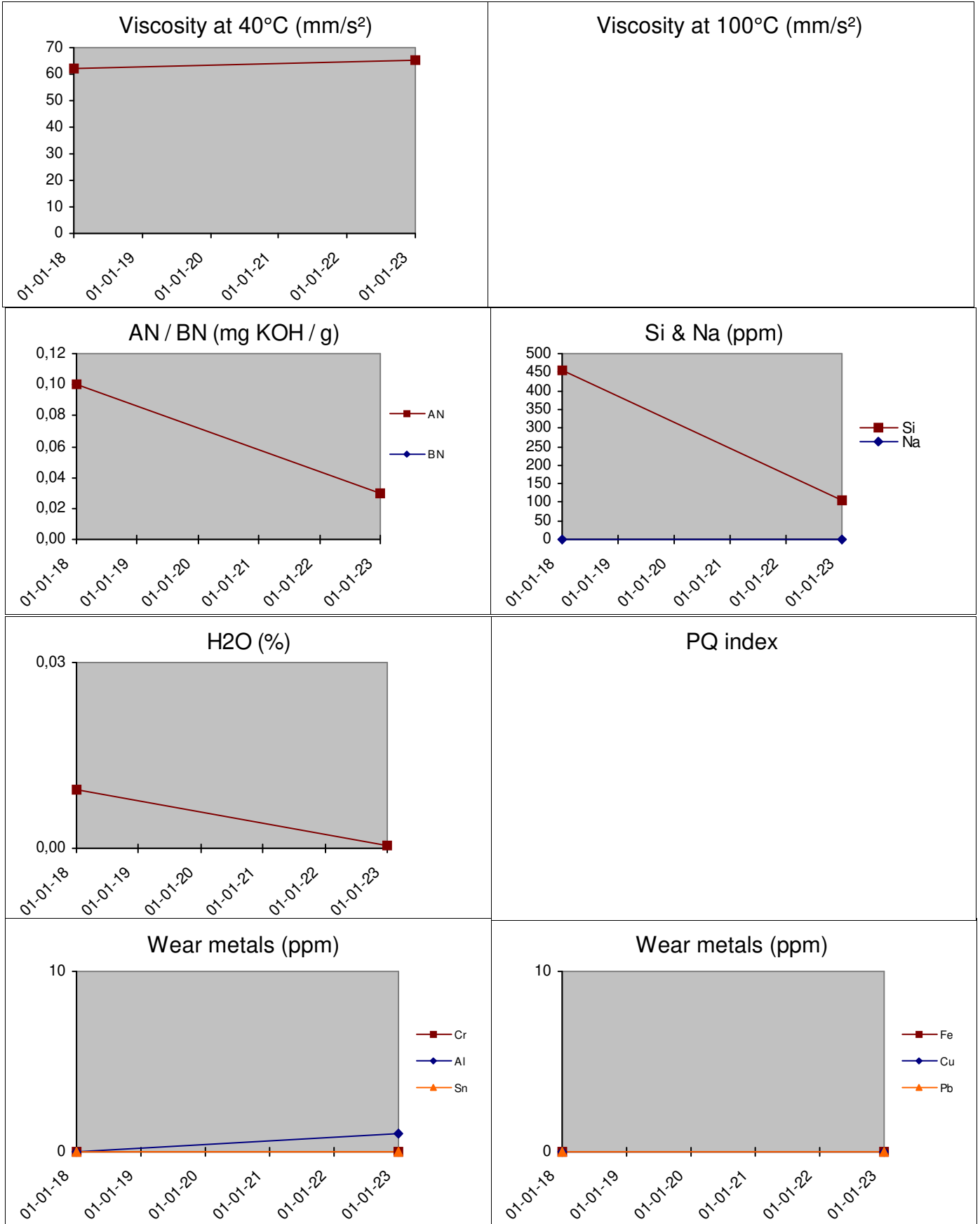
Oil Condition:				
Viscosity at 40°C	ASTM D7279	cSt	65.5	62.1
Viscosity at 100°C	ASTM D7279	cSt		
Viscosity-index	ASTM D2270			
Fuel dilution	ASTM D7593	%		
AN	ASTM D8045	mg KOH/g	0.03	0.10
BN	ASTM D2896B	mg KOH/g		
Oxidation	ASTM E2412	Abs/0.1mm		
Nitration	ASTM E2412	Abs/0.1mm		
PMCC	ASTM D93	°C		
COC	ASTM D92B	°C		
Color	ASTM D1500			

Additives:				
Ba: Barium	ASTM D5185	ppm	1	< 1
Ca: Calcium	ASTM D5185	ppm	< 1	1
Mg: Magnesium	ASTM D5185	ppm	< 1	< 1
P: Phosphorus	ASTM D5185	ppm	< 1	5
S: Sulfur	ASTM D5185	%	0.00	0.00
Zn: Zink	ASTM D5185	ppm	< 1	< 1

Pollution:				
Si: Silicium	ASTM D5185	ppm	104	456
B: Boron	ASTM D5185	ppm	< 1	1
Na: Sodium	ASTM D5185	ppm	< 1	< 1
Water	WI-0002	%		
Water (KF)	ASTM D6304C	ppm	3	80
Soot content	ASTM E2412	%		
Antifreeze	ASTM D2982A			
PC ISO grade	ASTM D7647			
PC Cleanliness class	ASTM D7647			
Insolubles	ASTM D4898	mg/l		

Wear metals:				
Al: Aluminium	ASTM D5185	ppm	1	< 1
Cr: Chromium	ASTM D5185	ppm	< 1	< 1
Cu: Copper	ASTM D5185	ppm	< 1	< 1
Fe: Iron	ASTM D5185	ppm	< 1	< 1
Mo: Molybdenum	ASTM D5185	ppm	< 1	< 1
Pb: Lead	ASTM D5185	ppm	< 1	< 1
Sn: Tin	ASTM D5185	ppm	< 1	< 1
PQ index	WI-0021			

History 29.09.23 B004



These conclusions are based on the supplied samples and information where the representativeness and validity cannot be guaranteed. Opinions and interpretation are outside the scope of accreditation. The measurement uncertainty is available on request. Samples are destroyed 2 months after receipt. The report may only be reproduced complete. Distribution on the responsibility of the client. *Methods are modified according to specified method. (A) Accreditation. (U) Outsourced.