

System:	AIR COMPRESSOR	Customer:	ATLAS COPCO RENTAL EUROP
Sump Capacity:	65 L		Luc Despeghele
Lubricant:	ATLAS COPCO ROTO Z	Address:	INDUSTRIEWEG 1F
Labocodenbr:	109830-UQ.9		B- 2850 BOOM
Samplenummer:	03.10.22 O007	Your customer:	347354/13648
Labelnummer:	00729919	Your ref.:	D+CE.347354/13648 PTS1600
Date sample drawn:	1.09.2022		
Sampling:	by client		

Diagnostic

Oil



Pollution



Wear



We notice a high zinc and calcium content. Wear elements within tolerance.

Attention

Results:	Method*	Unit	Current sample	03.10.22 O007		
Analysis date			3/10/2022	29/10/2020	12/11/2018	3/03/2017
Date of receipt			3/10/2022	29/10/2020	12/11/2018	3/03/2017
Sample date			1/09/2022	16/10/2020	29/10/2018	10/02/2017
H/Km Oil			7564 H	2181 H	2000 H	1000 H
H/Km total			7564 H	7150 H	4969 H	1176 H
Top up			55	?	?	?
Oil Condition:						
Viscosity at 40°C	ASTM D7279	cSt	69.2	86.0	77.8	86.5
Viscosity at 100°C	ASTM D7279	cSt	9.7	11.7	10.8	12.1
Viscosity-index	ASTM D2270					
Fuel dilution	ASTM D7593	%				
AN	ASTM D8045	mg KOH/g	0.45	2.22	2.88	1.54
BN	ASTM D2896B	mg KOH/g				
Oxidation	ASTM E2412	Abs/0.1mm	4.6			
Nitration	ASTM E2412	Abs/0.1mm	3.4			
PMCC	ASTM D93	°C				
COC	ASTM D92B	°C				
Color	ASTM D1500					
Additives:						
Ba: Barium	ASTM D5185	ppm	< 1	< 1	< 1	< 1
Ca: Calcium	ASTM D5185	ppm	209	1660	1310	829
Mg: Magnesium	ASTM D5185	ppm	53	428	650	1172
P: Phosphorus	ASTM D5185	ppm	495	1046	1066	1112
S: Sulfur	ASTM D5185	%	0.08	0.36	0.40	0.37
Zn: Zink	ASTM D5185	ppm	161	1269	1238	1358
Pollution:						
Si: Silicium	ASTM D5185	ppm	< 1	5	3	3
B: Boron	ASTM D5185	ppm	9	132	122	5
Na: Sodium	ASTM D5185	ppm	1	2	4	6
Water	WI-0002	%	< 0.04	0.06	< 0.04	0.06
Water (KF)	ASTM D6304C	ppm				
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	1	< 1
Cr: Chromium	ASTM D5185	ppm	< 1	< 1	< 1	< 1
Cu: Copper	ASTM D5185	ppm	< 1	< 1	1	1
Fe: Iron	ASTM D5185	ppm	1	3	4	3
Mo: Molybdenum	ASTM D5185	ppm	8	60	56	48
Pb: Lead	ASTM D5185	ppm	< 1	1	1	1
Sn: Tin	ASTM D5185	ppm	< 1	< 1	1	< 1
PQ index	WI-0021					

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.

Batch: 2227801 - p.1 / 3

Diagnosis: ANW

Date of issue: 05/10/2022

B118 AC RENTAL EUROPE.

Alpha MS - Bergensesteenweg 713 - 1600 Sint-Pieters-Leeuw - Belgium - Tel.: 00 32 2 365 02 29 - Fax.: 00 32 2 361 34 58.

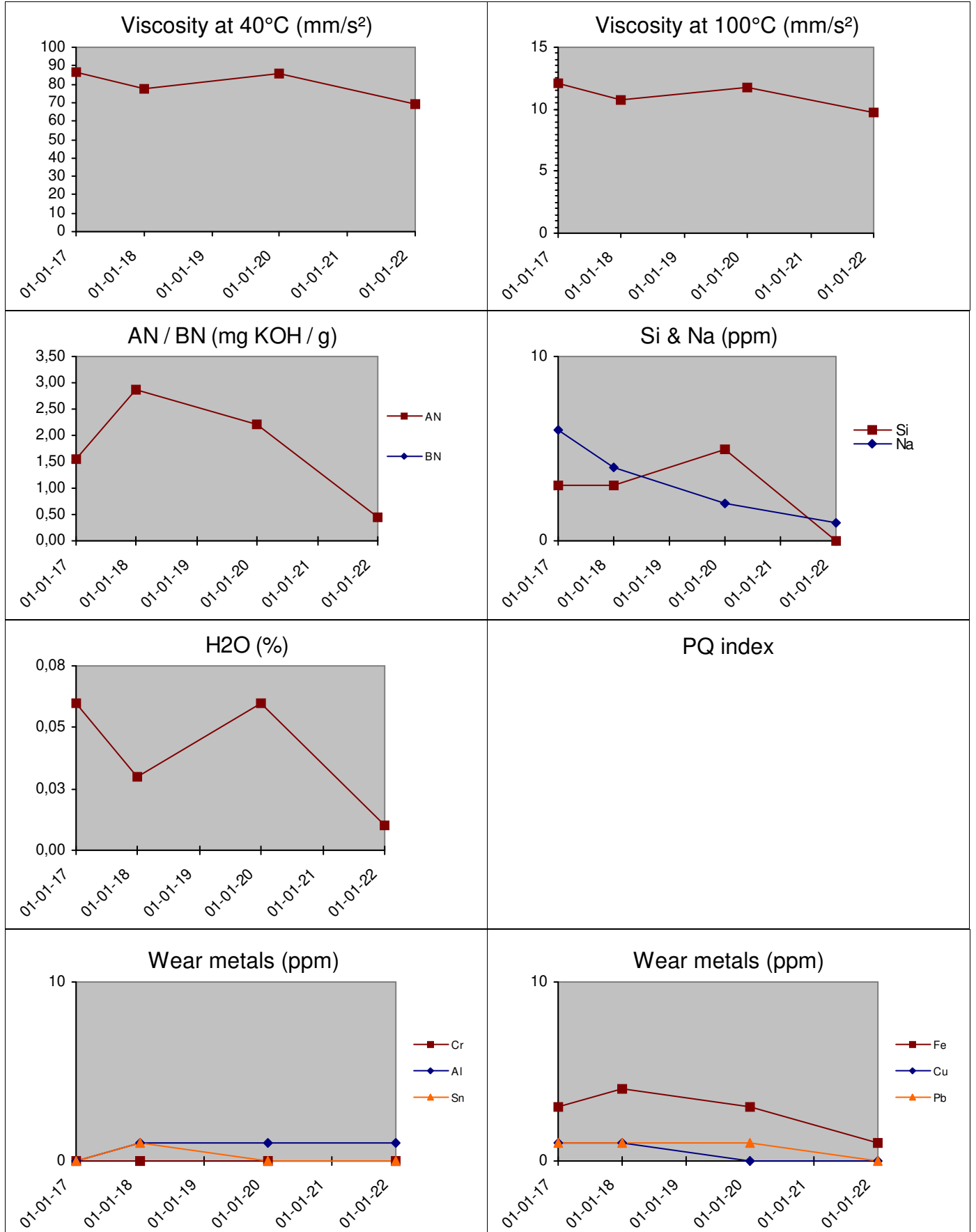


History lubricant:

03.10.22 O007

1	03.10.22 O007	ATLAS COPCO ROTO Z
2	29.10.20 O005	ATLAS PAROIL E MISS.GREEN SAE 15W40
3	12.11.18 O004	ATLAS PAROIL E MISS.GREEN SAE 15W40
4	03.03.17 O008	ATLAS COPCO PAROIL E
5		
6		

History 03.10.22 0007



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