

System: AIR COMPRESSOR  
Sump Capacity (k): 85 L  
Lubricant (k): ATLAS COPCO ROTO Z ISO 68  
Labocodenbr: 109830-qt.9  
Samplenummer: 19.07.23 O010  
Labelnummer: 00740608  
Date sample drawn (k): 7.06.2023  
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROP  
Luc Despeghel  
Address (k): INDUSTRIEWEG 1F  
B- 2850 BOOM  
Your customer (k): 446565/14821  
Your ref. (k): BE/446565/14821/PTS1600



Oil



Pollution



Wear



## Diagnostic

We notice a high zinc and calcium content. Wear elements within tolerance. The other characteristics are considered as normal.

Action

Results:	Method*	Unit	Current sample	19.07.23 O010		
Analysis date			19/07/2023	4/11/2022	10/05/2022	5/01/2018
Date of receipt			19/07/2023	4/11/2022	10/05/2022	5/01/2018
Sample date (k)			7/06/2023	20/09/2022	12/04/2022	2/01/2018
H/Km Oil (k)			2000 H	1499 H	1226 H	1424 H
H/Km total (k)			8010 H	6421 H	4922 H	1424 H
Top up (k)			?	60	?	60

## Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt	67.5	70.2	83.2	77.8
Viscosity at 100°C	ASTM D7279	cSt	9.7	10.1	11.5	10.8
Viscosity-index	ASTM D2270					
Fuel dilution	ASTM D7593	%				
AN	ASTM D8045	mg KOH/g	0.41	0.76	2.45	2.05
BN	ASTM D2896B	mg KOH/g				
Oxidation	ASTM E2412 (A)	Abs/0.1mm	4.2	6.7	13.2	
Nitration	ASTM E2412	Abs/0.1mm	3.1	3.7	4.0	
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 (A)	ppm	170	578	1780	1810
Mg: Magnesium	ASTM D5185 (A)	ppm	39	131	408	395
P: Phosphorus	ASTM D5185 (A)	ppm	485	643	1116	1175
S: Sulfur	ASTM D5185	%	0.07	0.14	0.31	0.43
Zn: Zink	ASTM D5185 (A)	ppm	125	415	1236	1323

## Pollution:

Si: Silicium	ASTM D5185 (A)	ppm	< 10	< 10	< 10	< 10
B: Boron	ASTM D5185	ppm	16	46	140	189
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
Water	WI-0002	%	< 0.04	< 0.04	< 0.04	< 0.04
Water (KF)	ASTM D6304C	ppm				
Soot content	ASTM E2412 (A)	%				
Antifreeze	ASTM D2982A					
PC ISO grade	ASTM D7647 (A)					
PC Cleanliness class	ASTM D7647 (A)					
Insolubles	ASTM D4898	mg/l				

## Wear metals:

Al: Aluminium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
Cr: Chromium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
Cu: Copper	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
Fe: Iron	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
Mo: Molybdenum	ASTM D5185 (A)	ppm	7	21	65	64
Pb: Lead	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
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. (k) Received info from customer.

Batch: 2320501 - p.1 / 3

Diagnosis: ANW

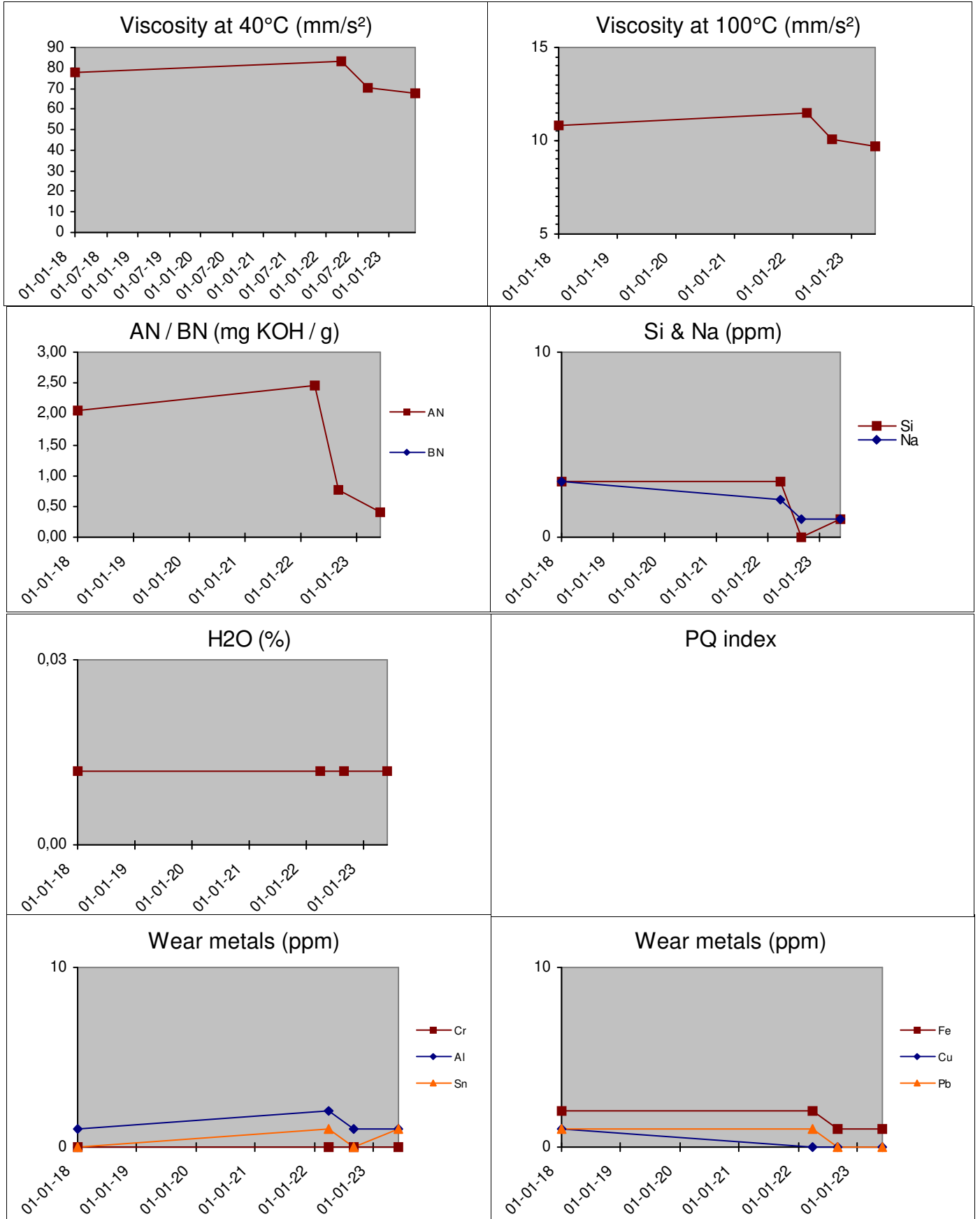
Date of issue: 24/07/2023

B118 AC RENTAL EUROPE.



History lubricant:			19.07.23 0010
1	19.07.23 0010	ATLAS COPCO ROTO Z ISO 68	
2	04.11.22 0006	ATLAS COPCO ROTO Z	
3	10.05.22 0003	ATLAS PAROIL E MISS.GREEN SAE 15W40	
4	05.01.18 0003	ATLAS PAROIL E MISS.GREEN SAE 15W40	
5			
6			

History 19.07.23 O010



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