

System: AIR COMPRESSOR
Sump Capacity (k): 55 L
Lubricant (k): ATLAS COPCO ROTO Z ISO 68
Labocodenbr: 109830-UA.9
Samplenummer: 27.11.23 O013
Labelnummer: 00740863
Date sample drawn (k): 16.10.2023
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROP
Luc Despeghel
Address (k): INDUSTRIEWEG 1F
B- 2850 BOOM
Your customer (k): 347356/13629
Your ref. (k): D+/347356/13629/PTS1600



Oil



Pollution



Wear



Diagnostic

We notice an increased zinc content. Wear elements within tolerance. The other characteristics are considered as normal.

Attention

Results:	Method*	Unit	Current sample						27.11.23 O013
Analysis date			27/11/2023	3/01/2023	11/07/2019	16/04/2018	13/04/2017	9/12/2016	
Date of receipt			27/11/2023	3/01/2023	11/07/2019	16/04/2018	13/04/2017	9/12/2016	
Sample date (k)			16/10/2023	17/11/2022	4/07/2019	3/04/2018	7/04/2017	5/12/2016	
H/Km Oil (k)			206 H	? H	200 H	1437 H	2000 H	1000 H	
H/Km total (k)			7020 H	6814 H	5858 H	5626 H	4189 H	3013 H	
Top up (k)			?	55	?	0	?	?	
Oil Condition:									
Viscosity at 40°C	ASTM D7279	cSt	67.2	68.8	79.5	78.2	80.7	84.2	
Viscosity at 100°C	ASTM D7279	cSt	9.7	9.6	11.1	10.9	11.3	11.7	
Viscosity-index	ASTM D2270		127	120	130	128	131	132	
Fuel dilution	ASTM D7593	%							
AN	ASTM D8045	mg KOH/g	0.34	0.32	2.62	2.39	2.12	2.01	
BN	ASTM D2896B	mg KOH/g							
Oxidation	ASTM E2412 (A)	Abs/0.1mm	3.8	4.5					
Nitration	ASTM E2412	Abs/0.1mm	3.1	3.4					
PMCC	ASTM D93	°C							
COC	ASTM D92B	°C							
Color	ASTM D1500								
Additives:									
Ba: Barium	ASTM D5185	ppm	< 1	< 1	< 1	< 1	< 1	< 1	
Ca: Calcium	ASTM D5185 (A)	ppm	83	174	1860	1640	1550	749	
Mg: Magnesium	ASTM D5185 (A)	ppm	14	43	431	467	629	1112	
P: Phosphorus	ASTM D5185 (A)	ppm	680	498	1284	1127	1127	1153	
S: Sulfur	ASTM D5185	%	0.06	0.08	0.36	0.39	0.35	0.34	
Zn: Zink	ASTM D5185 (A)	ppm	56	134	1241	1250	1296	1296	
Pollution:									
Si: Silicium	ASTM D5185 (A)	ppm	< 10	< 10	< 10	< 10	< 10	< 10	
B: Boron	ASTM D5185	ppm	4	14	145	173	144	2	
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5	
Water	WI-0002	%	< 0.04	< 0.04	0.05	< 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	< 5	< 5	
Cr: Chromium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5	
Cu: Copper	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5	
Fe: Iron	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5	
Mo: Molybdenum	ASTM D5185 (A)	ppm	< 5	8	58	61	61	44	
Pb: Lead	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5	
Sn: Tin	ASTM D5185	ppm	2	< 1	< 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: 2333302 - p.1 / 3

Diagnosis: ANW

Date of issue: 29/11/2023

B118 AC RENTAL EUROPE.

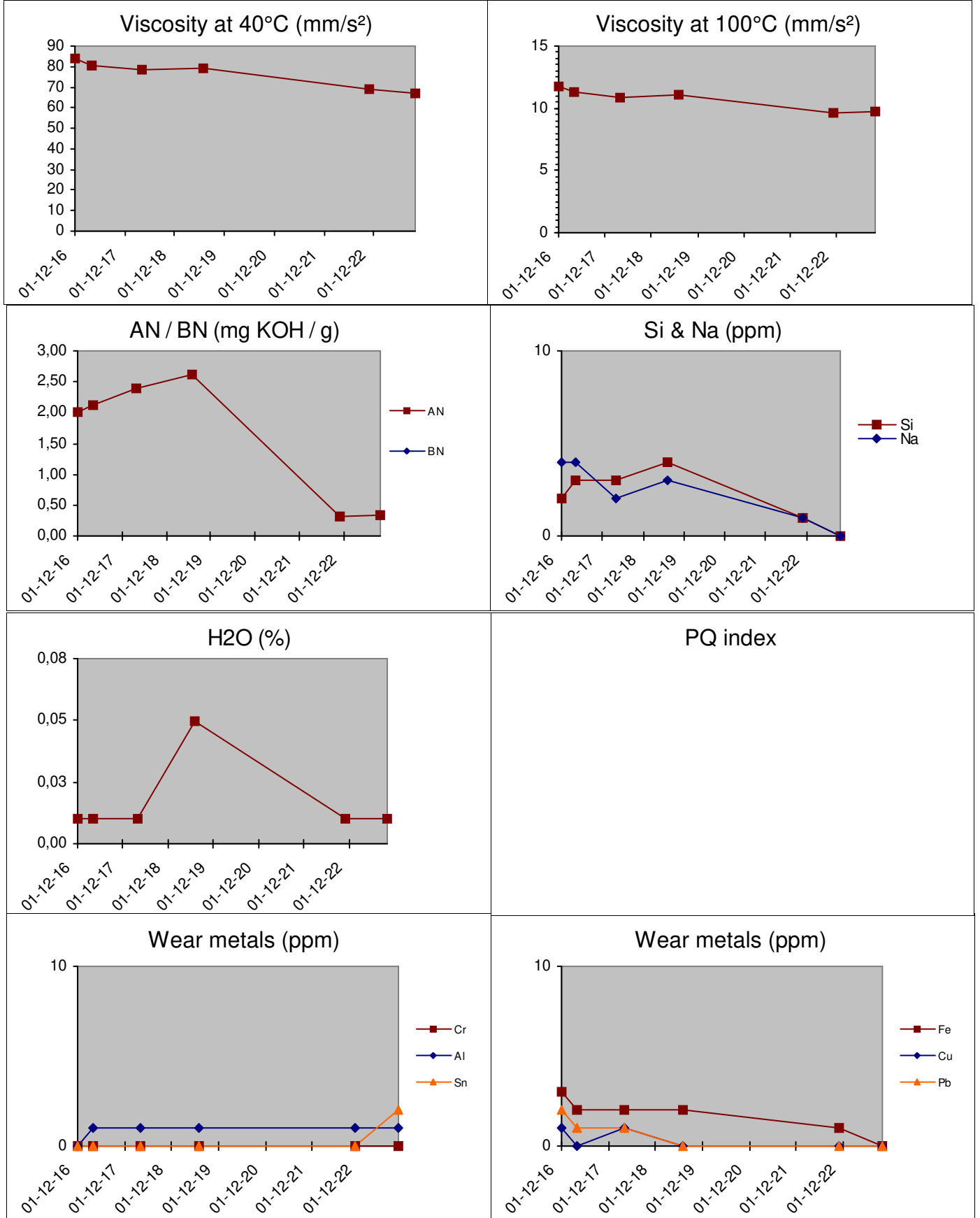


History lubricant:

27.11.23 0013

1	27.11.23 0013	ATLAS COPCO ROTO Z ISO 68
2	03.01.23 0007	ATLAS COPCO ROTO Z
3	11.07.19 0006	ATLAS PAROIL E MISS.GREEN SAE 15W40
4	16.04.18 M006	ATLAS PAROIL E MISS.GREEN SAE 15W40
5	13.04.17 0007	ATLAS PAROIL E MISS.GREEN SAE 15W40
6	09.12.16 0006	ATLAS PAROIL E MISS.GREEN SAE 15W40

History 27.11.23 0013



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