

System: AIR COMPRESSOR  
Sump Capacity (k): 60 L  
Lubricant (k): ATLAS COPCO ROTO Z ISO 68  
Labocodenbr: 109830-pj.9  
Samplenummer: 10.04.24 O004  
Labelnummer: 429000800698  
Date sample drawn (k): 8.02.2024  
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROP  
Luc Despeghele  
Address (k): INDUSTRIEWEG 1F  
B- 2850 BOOM  
Your customer (k): 291330/13205A  
Your ref. (k): D+/291330/13205A/PTS1600



Oil



Pollution



Wear

**Diagnostic**

The oil is in good condition and the wear metals are considered normal.

Normal

Results:	Method*	Unit	Current sample					10.04.24 O004
Analysis date			10/04/2024	7/08/2023	29/10/2020	27/11/2017	17/07/2017	
Date of receipt			10/04/2024	7/08/2023	29/10/2020	27/11/2017	17/07/2017	
Sample date (k)			8/02/2024	30/05/2023	?	22/11/2017	6/07/2017	
H/Km Oil (k)			75 H	? H	1400 H	1000 H	1500 H	
H/Km total (k)			9015 H	8940 H	8558 H	6563 H	5775 H	
Top up (k)			?	60	60	?	?	

**Oil Condition:**

Viscosity at 40°C	ASTM D7279	cSt	66.8	67.2	77.3	74.1	74.0
Viscosity at 100°C	ASTM D7279	cSt	9.5	9.4	10.8	10.7	10.8
Viscosity-index	ASTM D2270		123	119	128	133	135
Fuel dilution	ASTM D7593	%					
AN	ASTM D8045	mg KOH/g	0.27	0.30	2.05	1.24	1.56
BN	ASTM D2896B	mg KOH/g					
Oxidation	ASTM E2412 (A)	Abs/0.1mm	3.7	3.8			
Nitration	ASTM E2412	Abs/0.1mm	3.2	3.1			
PMCC	ASTM D93	°C					
COC	ASTM D92B	°C					
Color	ASTM D1500						

**Additives:**

Ba: Barium	ASTM D5185	ppm	1	< 1	< 1	< 1	< 1
Ca: Calcium	ASTM D5185 (A)	ppm	27	67	2020	1750	1890
Mg: Magnesium	ASTM D5185 (A)	ppm	6	16	461	366	374
P: Phosphorus	ASTM D5185 (A)	ppm	438	451	1230	1094	1127
S: Sulfur	ASTM D5185	%	0.05	0.06	0.43	0.43	0.42
Zn: Zink	ASTM D5185 (A)	ppm	20	51	1472	1272	1290

**Pollution:**

Si: Silicon	ASTM D5185 (A)	ppm	< 10	< 10	< 10	< 10	< 10
B: Boron	ASTM D5185	ppm	< 1	3	157	188	208
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5
Water	WI-0002	%			0.08	< 0.04	0.08
Water (KF)	ASTM D6304C	ppm	30	76			
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
Cr: Chromium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5
Cu: Copper	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5
Fe: Iron	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	5
Mo: Molybdenum	ASTM D5185 (A)	ppm	< 5	< 5	72	68	64
Pb: Lead	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5
Sn: Tin	ASTM D5185	ppm	< 1	< 1	< 1	< 1	1
PQ index	WI-0021						

These conclusions are based on the tested 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: 2410204 - p.1 / 3

Diagnosis: ANW

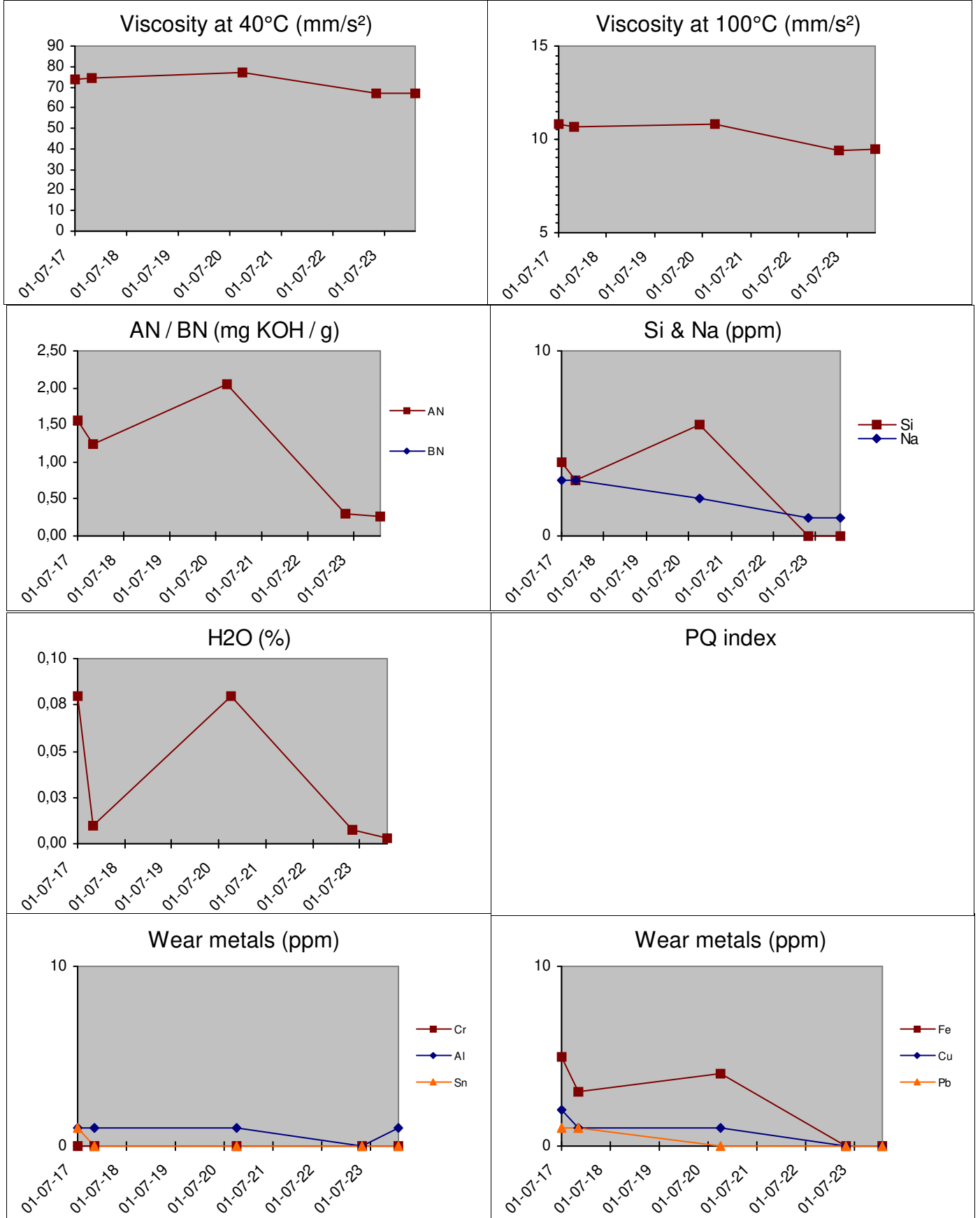
Date of issue: 11/04/2024

B118 AC RENTAL EUROPE.



History lubricant:			10.04.24 O004
1	10.04.24 O004	ATLAS COPCO ROTO Z ISO 68	
2	07.08.23 O005	ATLAS COPCO ROTO Z ISO 68	
3	29.10.20 O006	ATLAS PAROIL E MISS.GREEN SAE 15W40	
4	27.11.17 N006	ATLAS PAROIL E MISS.GREEN SAE 15W40	
5	17.07.17 L005	ATLAS PAROIL E MISS.GREEN SAE 15W40	
6			

History 10.04.24 O004



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