

System:	AIR COMPRESSOR	Customer (k):	ATLAS COPCO RENTAL EUROP
Sump Capacity (k):	60 L		Luc Despeghel
Lubricant (k):	ATLAS COPCO ROTO Z ISO 68	Address (k):	INDUSTRIEWEG 1F
Labocodenbr:	109830-pj.9		B- 2850 BOOM
Samplenummer:	07.08.23 O005	Your customer (k):	291330/13205A
Labelnummer:	00722744	Your ref. (k):	D+/291330/13205A/PTS1600
Date sample drawn (k):	30.05.2023		
Sampling:	by client		

## Diagnostic



Oil



Pollution



Wear



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

Normal

Results:	Method*	Unit	Current sample	07.08.23 O005		
Analysis date			7/08/2023	29/10/2020	27/11/2017	17/07/2017
Date of receipt			7/08/2023	29/10/2020	27/11/2017	17/07/2017
Sample date (k)			30/05/2023	?	22/11/2017	6/07/2017
H/Km Oil (k)			? H	1400 H	1000 H	1500 H
H/Km total (k)			8940 H	8558 H	6563 H	5775 H
Top up (k)			60	60	?	?

## Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt	67.2	77.3	74.1	74.0
Viscosity at 100°C	ASTM D7279	cSt	9.4	10.8	10.7	10.8
Viscosity-index	ASTM D2270					
Fuel dilution	ASTM D7593	%				
AN	ASTM D8045	mg KOH/g	0.30	2.05	1.24	1.56
BN	ASTM D2896B	mg KOH/g				
Oxidation	ASTM E2412 (A)	Abs/0.1mm	3.8			
Nitration	ASTM E2412	Abs/0.1mm	3.1			
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	67	2020	1750	1890
Mg: Magnesium	ASTM D5185 (A)	ppm	16	461	366	374
P: Phosphorus	ASTM D5185 (A)	ppm	451	1230	1094	1127
S: Sulfur	ASTM D5185	%	0.06	0.43	0.43	0.42
Zn: Zink	ASTM D5185 (A)	ppm	51	1472	1272	1290

## Pollution:

Si: Silicium	ASTM D5185 (A)	ppm	< 10	< 10	< 10	< 10
B: Boron	ASTM D5185	ppm	3	157	188	208
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5
Water	WI-0002	%		0.08	< 0.04	0.08
Water (KF)	ASTM D6304C	ppm	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
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	< 5	72	68	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: 2322104 - p.1 / 3

Diagnosis: KDS

Date of issue: 09/08/2023

B118 AC RENTAL EUROPE.

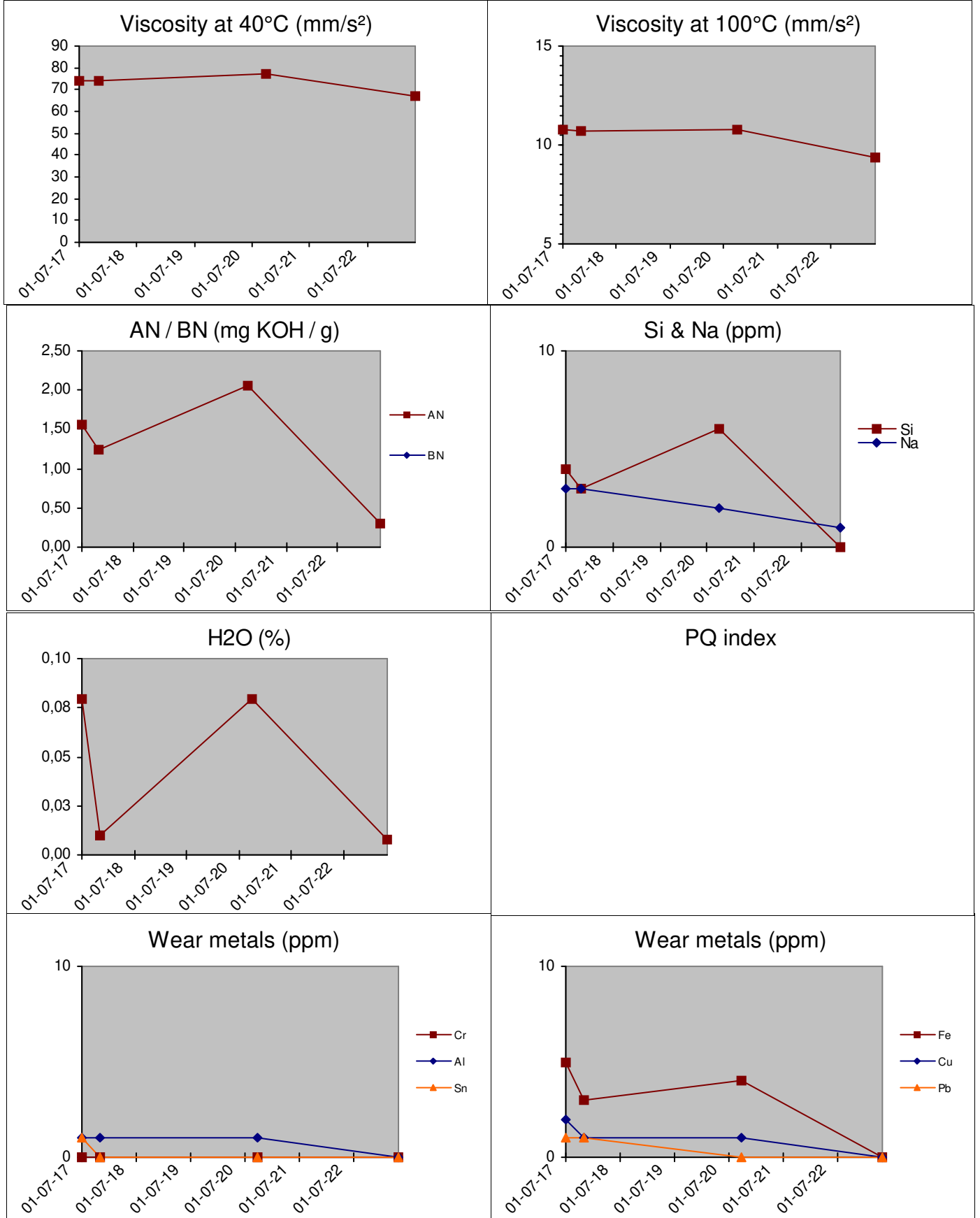


## History lubricant:

07.08.23 O005

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

History 07.08.23 O005



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