

System: DIESEL ENGINE  
Sump Capacity: 80 L  
Lubricant: ATLAS PAROIL E MISS.GREEN SAE 15W40  
Labocodenbr: 109897-KO.1  
Samplenummer: 29.09.22 A003  
Labelnummer: 00741426  
Date sample drawn: 2.09.2022  
Sampling: by client

Customer: ATLAS COPCO RENTAL EUROPE  
Luc Despeghele  
Address: INDUSTRIEWEG 1F  
B- 2850 BOOM  
Your customer: 591697/16610  
Your ref.: B/591697/16610/PTS1600

## Diagnostic



Oil



Pollution



Wear



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

Normal

Results:	Method*	Unit	Current sample	29.09.22 A003				
Analysis date			29/09/2022	1/06/2022	6/05/2021	6/05/2021	24/12/2020	19/11/2019
Date of receipt			29/09/2022	1/06/2022	6/05/2021	6/05/2021	24/12/2020	19/11/2019
Sample date			2/09/2022	17/05/2022	3/05/2021	12/04/2021	?	?
H/Km Oil			500 H	? H	17 H	500 H	670 H	380 H
H/Km total			6295 H	400 H	4565 H	4363 H	3814 H	3305 H
Top up			?	?	?	0	80	80

## Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt						
Viscosity at 100°C	ASTM D7279	cSt	14.4	14.2	14.3	14.6	14.6	14.8
Viscosity-index	ASTM D2270							
Fuel dilution	ASTM D7593	%	0.45	0.32	0.50	0.48	0.48	0.26
AN	ASTM D8045	mg KOH/g						
BN	ASTM D2896B	mg KOH/g						
Oxidation	ASTM E2412 (A)	Abs/0.1mm	15.5	14.0	14.7	14.8	12.3	14.9
Nitration	ASTM E2412	Abs/0.1mm	10.3	8.5	5.2	5.6	4.1	5.4
PMCC	ASTM D93	°C						
COC	ASTM D92B	°C						
Color	ASTM D1500							

## Additives:

Ba: Barium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5
Ca: Calcium	ASTM D5185 (A)	ppm	2290	2300	1980	1800	1720	1810
Mg: Magnesium	ASTM D5185 (A)	ppm	27	42	445	396	388	394
P: Phosphorus	ASTM D5185 (A)	ppm	1030	1117	1259	1104	1090	1136
S: Sulfur	ASTM D5185	%	0.32	0.32	0.37	0.33	0.33	0.32
Zn: Zink	ASTM D5185 (A)	ppm	1197	1235	1426	1274	1302	1259

## Pollution:

Si: Silicium	ASTM D5185 (A)	ppm	< 10	< 10	8	6	10	5
B: Boron	ASTM D5185	ppm	13	52	119	87	122	95
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5
Water	WI-0002	%	0.04	< 0.04	< 0.04	0.04	0.05	< 0.04
Water (KF)	ASTM D6304C	ppm						
Soot content	ASTM E2412 (A)	%	0.09	0.06	0.08	0.09	0.03	0.10
Antifreeze	ASTM D2982A		Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
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	8	10	7	< 5	6	< 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	31	21	19	11	31	7
Mo: Molybdenum	ASTM D5185 (A)	ppm	95	94	71	63	63	61
Pb: Lead	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5
Sn: Tin	ASTM D5185	ppm	< 1	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.

Batch: 2227703 - p.1 / 3

Diagnosis: ANW

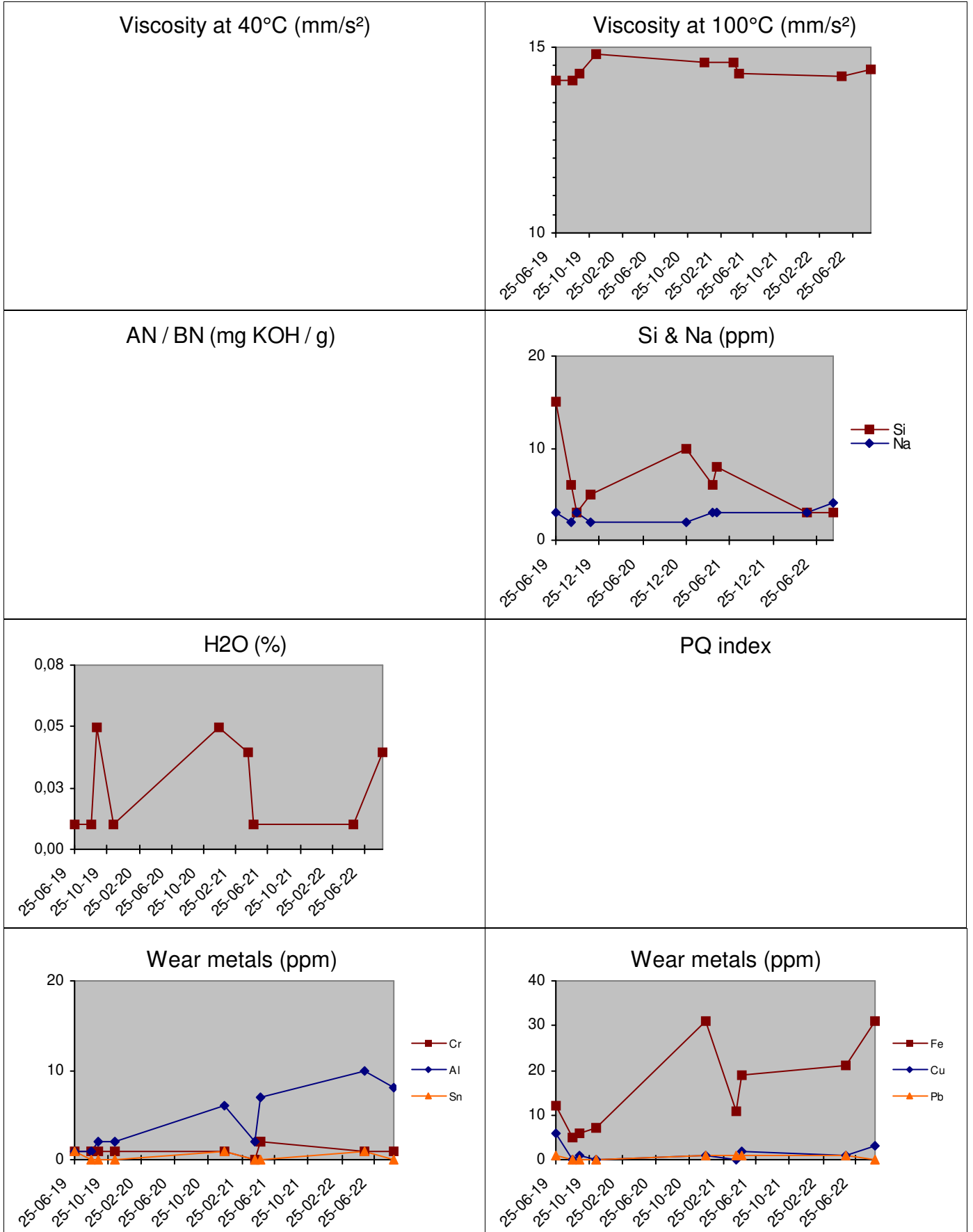
Date of issue: 04/10/2022

B118 AC RENTAL EUROPE.



History lubricant:			29.09.22 A003
1	29.09.22 A003	ATLAS PAROIL E MISS.GREEN SAE 15W40	
2	01.06.22 A005	ATLAS PAROIL E MISS.GREEN SAE 15W40	
3	06.05.21 A009	ATLAS PAROIL E MISS.GREEN SAE 15W40	
4	06.05.21 A008	ATLAS PAROIL E SAE 10W40	
5	24.12.20 A005	ATLAS PAROIL E MISS.GREEN SAE 15W40	
6	19.11.19 A008	ATLAS PAROIL E MISS.GREEN SAE 15W40	

History 29.09.22 A003



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