

System: DIESEL ENGINE
 Sump Capacity (k): 85 L
 Lubricant (k): ATLAS PAROIL E MISS.GREEN SAE 15W40
 Labocodenbr: 109897-tq.1
 Samplenumbr: 17.07.24 A005
 Labelnummer: 00726130
 Date sample drawn (k): 9.07.2024
 Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROPE
 Luc Despeghel
 Address (k): INDUSTRIEWEG 1F
 B- 2850 BOOM
 Your customer (k): 864909/18504
 Your ref. (k): B/864909/18504/PTS1600



Oil



Pollution



Wear


Diagnostic

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

Normal

Results:	Method*	Unit	Current sample					17.07.24 A005
Analysis date			17/07/2024	17/07/2024	3/07/2024	3/07/2024	5/06/2024	31/05/2024
Date of receipt			17/07/2024	17/07/2024	3/07/2024	3/07/2024	5/06/2024	31/05/2024
Sample date (k)			9/07/2024	?	?	11/06/2024	31/05/2024	21/05/2024
H/Km Oil (k)			469 H	987 H	500 H	820 H	584 H	311 H
H/Km total (k)			1469 H	987 H	1130 H	820 H	584 H	345 H
Top up (k)			?	80	?	?	?	?

Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt						
Viscosity at 100°C	ASTM D7279	cSt	14.0	13.6	14.3	13.7	14.0	14.1
Viscosity-index	ASTM D2270							
Fuel dilution	ASTM D7593	%	0.57	0.48	0.69	0.54	0.65	0.76
AN	ASTM D8045	mg KOH/g						
BN	ASTM D2896B	mg KOH/g			9.76			
Oxidation	ASTM E2412 (A)	Abs/0.1mm	14.4	16.5	13.5	15.8	14.2	13.4
Nitration	ASTM E2412	Abs/0.1mm	9.1	10.0	8.2	9.9	8.8	8.3
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	2395	2544	2195	2323	2248	2304
Mg: Magnesium	ASTM D5185 (A)	ppm	13	18	12	17	16	18
P: Phosphorus	ASTM D5185 (A)	ppm	1085	1086	1004	980	974	1022
S: Sulfur	ASTM D5185	%	0.41	0.37	0.35	0.32	0.38	0.39
Zn: Zink	ASTM D5185 (A)	ppm	1289	1337	1150	1201	1168	1179

Pollution:

Si: Silicon	ASTM D5185 (A)	ppm	< 10	< 10	< 10	< 10	< 10	< 10
B: Boron	ASTM D5185	ppm	62	34	158	59	101	113
Na: Sodium	ASTM D5185 (A)	ppm	15	11	13	11	5	5
Water	WI-0002	%	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Water (KF)	ASTM D6304C	ppm						
Soot content	ASTM E2412 (A)	%	0.06	0.06	0.03	0.05	0.04	0.03
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	< 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	9	< 5	8	7	< 5
Fe: Iron	ASTM D5185 (A)	ppm	5	12	< 5	14	7	< 5
Mo: Molybdenum	ASTM D5185 (A)	ppm	98	101	88	88	87	89
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 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.

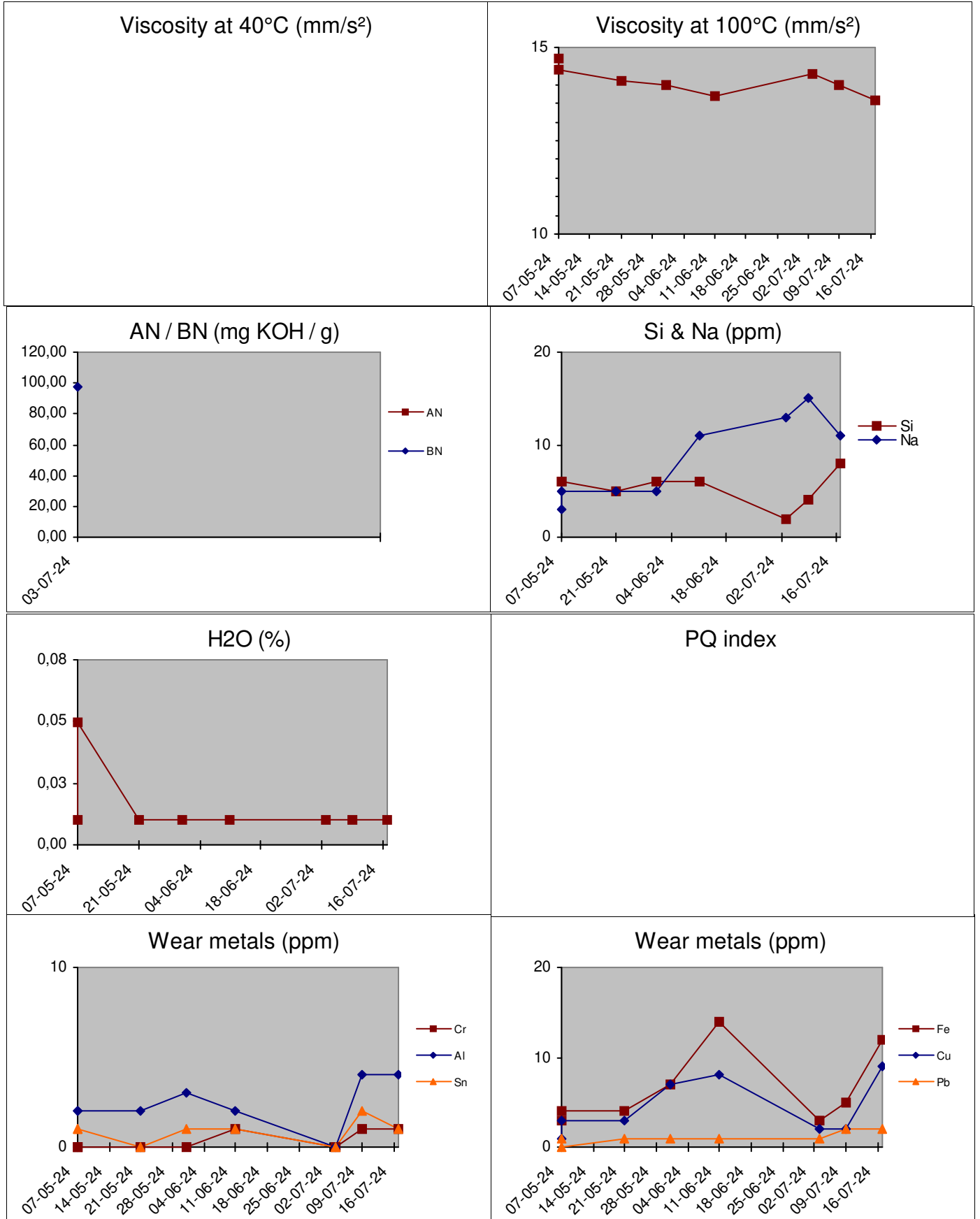
Batch: 2420104 - p.1 / 2

Diagnosis: KDS

Date of issue: 19/07/2024

B118 AC RENTAL EUROPE.

History 17.07.24 A005



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