

System: DIESEL ENGINE
Sump Capacity (k): 80 L
Lubricant (k): ATLAS PAROIL E MISS.GREEN SAE 15W40
Labocodenbr: 109830-OA.1
Samplenummer: 12.07.24 A010
Labelnummer: 429000801881
Date sample drawn (k): 25.06.2024
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROP
Luc Despeghele
Address (k): INDUSTRIEWEG 1F
B- 2850 BOOM
Your customer (k): 364619/13853
Your ref. (k):



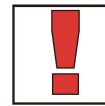
Oil



Pollution



Wear



Diagnostic

Attention: high contents of aluminium, copper and lead. The other characteristics are considered as normal. It is recommended to change out the oil.

Action

Results:	Method*	Unit	Current sample	12.07.24 A010				
Analysis date			12/07/2024	2/08/2021	25/06/2021	2/06/2021	17/05/2021	10/06/2020
Date of receipt			12/07/2024	2/08/2021	25/06/2021	2/06/2021	17/05/2021	10/06/2020
Sample date (k)			25/06/2024	15/07/2021	7/06/2021	20/05/2021	4/05/2021	25/05/2020
H/Km Oil (k)			? Km	500 H	500 H	500 H	500 H	500 H
H/Km total (k)			8911 Km	6532 H	5982 H	5568 H	5192 H	3955 H
Top up (k)			?	?	?	?	?	?

Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt						
Viscosity at 100°C	ASTM D7279	cSt	14.9	15.9	14.9	14.7	14.4	16.0
Viscosity-index	ASTM D2270							
Fuel dilution	ASTM D7593	%	0.79	0.45	0.44	0.64	0.47	0.43
AN	ASTM D8045	mg KOH/g						
BN	ASTM D2896B	mg KOH/g						
Oxidation	ASTM E2412 (A)	Abs/0.1mm	15.7	26.8	22.8	23.6	20.0	26.2
Nitration	ASTM E2412	Abs/0.1mm	11.3	13.4	11.0	11.6	9.5	12.1
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	3041	2030	1900	2050	1890	2080
Mg: Magnesium	ASTM D5185 (A)	ppm	16	453	456	473	422	510
P: Phosphorus	ASTM D5185 (A)	ppm	1338	1169	1085	1209	1147	1210
S: Sulfur	ASTM D5185	%	0.48	0.29	0.30	0.34	0.32	0.31
Zn: Zink	ASTM D5185 (A)	ppm	1563	1373	1334	1525	1373	1473

Pollution:

Si: Silicon	ASTM D5185 (A)	ppm	14	< 10	< 10	< 10	14	< 10
B: Boron	ASTM D5185	ppm	97	27	28	38	43	48
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 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)	%	0.27	0.85	0.45	0.38	0.27	0.16
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	19	< 5	< 5	< 5	< 5	< 5
Cr: Chromium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5
Cu: Copper	ASTM D5185 (A)	ppm	45	< 5	< 5	< 5	< 5	< 5
Fe: Iron	ASTM D5185 (A)	ppm	61	38	19	18	10	22
Mo: Molybdenum	ASTM D5185 (A)	ppm	121	71	68	73	68	74
Pb: Lead	ASTM D5185 (A)	ppm	54	62	25	24	< 5	15
Sn: Tin	ASTM D5185	ppm	5	2	2	2	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.

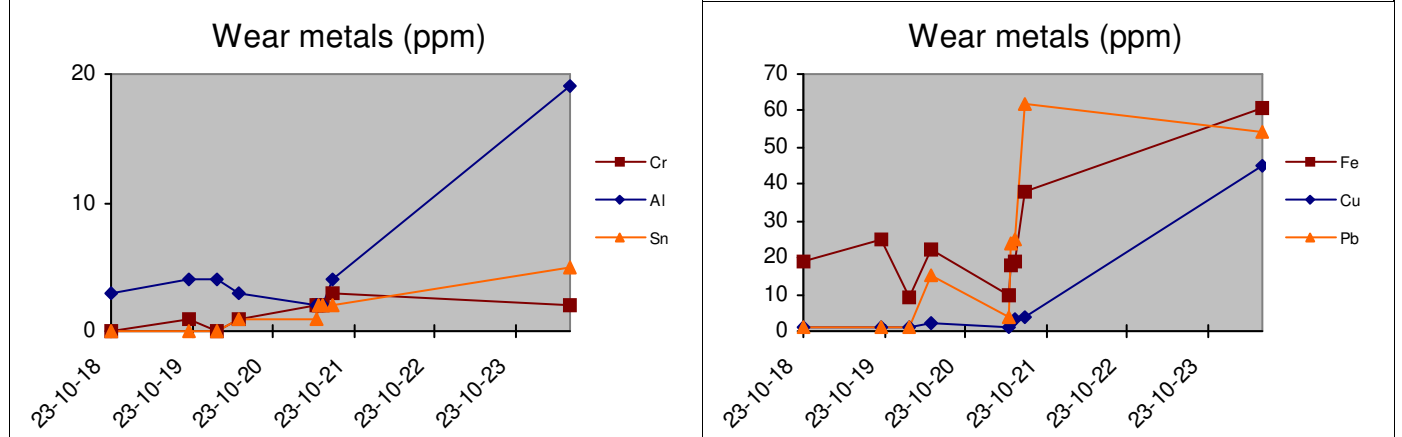
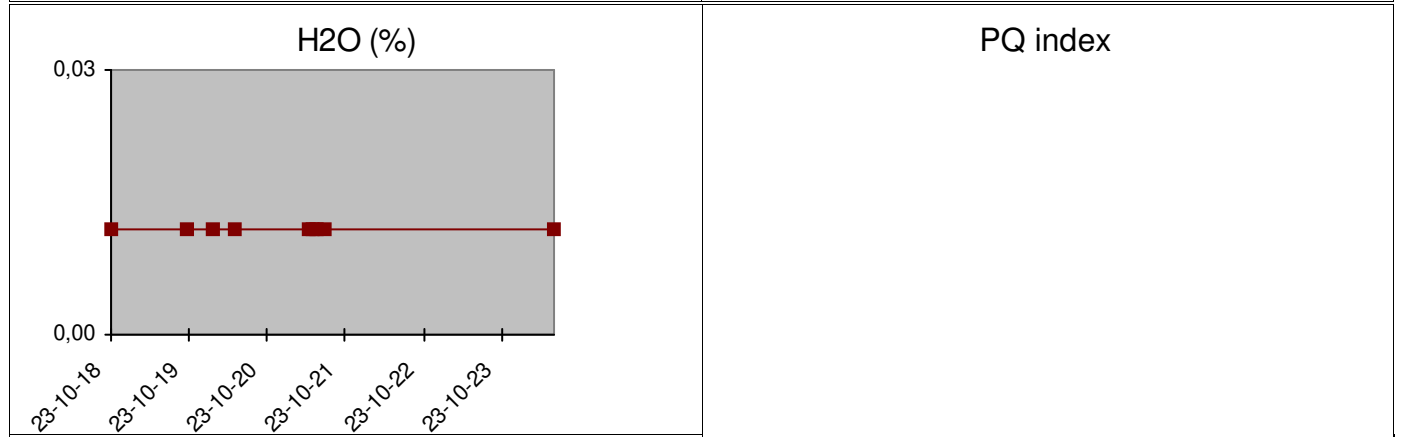
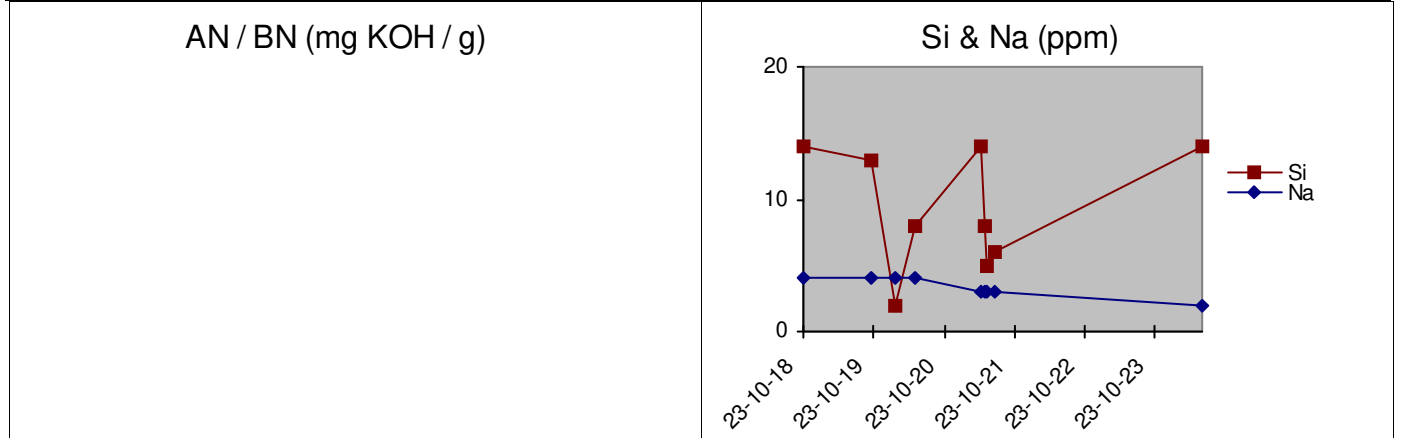
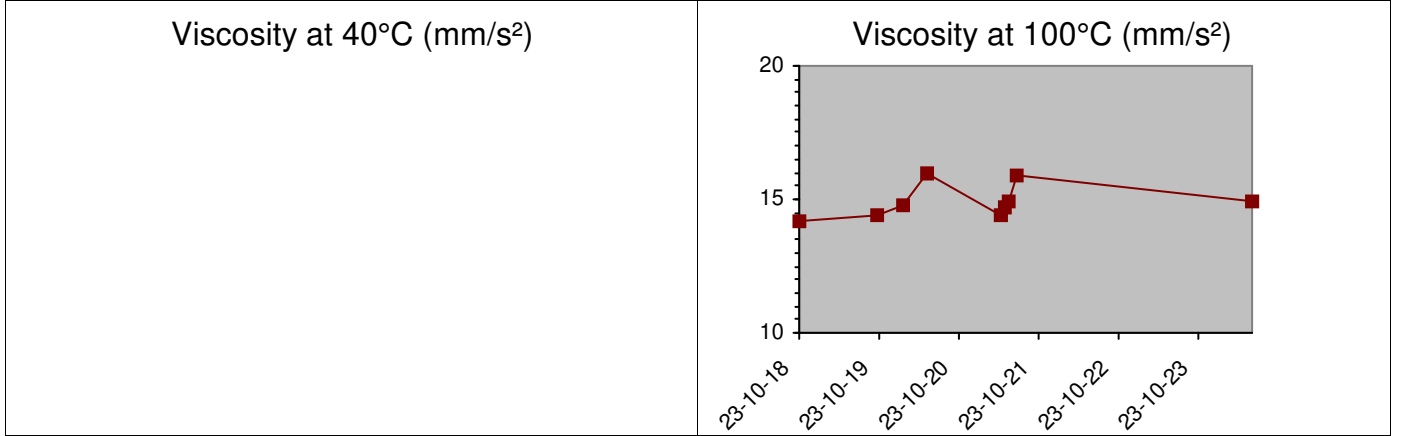
Batch: 2419704 - p.1 / 2

Diagnosis: KDS

Date of issue: 15/07/2024

B118 AC RENTAL EUROPE.

History 12.07.24 A010



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