

System: DIESEL ENGINE
Sump Capacity (k): 90 L
Lubricant (k): ATLAS PAROIL E MISS.GREEN SAE 15W40
Labocodenbr: 109830-ND.1
Samplenummer: 17.04.24 A006
Labelnummer: 429000800652
Date sample drawn (k): 9.04.2024
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROP
Luc Despeghel
Address (k): INDUSTRIEWEG 1F
B- 2850 BOOM
Your customer (k): 329562/13484
Your ref. (k): D+/329562/13484A/PTS1600



Oil



Pollution



Wear



Diagnostic

The oil is contaminated with dieselfuel. Wear elements within tolerance. The other characteristics are considered as normal.

Attention

Results:	Method*	Unit	Current sample						17.04.24 A006
Analysis date			17/04/2024	27/11/2023	30/09/2021	16/11/2020	4/02/2020	25/09/2019	
Date of receipt			17/04/2024	27/11/2023	30/09/2021	16/11/2020	4/02/2020	25/09/2019	
Sample date (k)			9/04/2024	10/10/2023	22/09/2021	10/07/2020	22/01/2020	4/09/2019	
H/Km Oil (k)			? H	? H	369 H	? H	10650 H	? H	
H/Km total (k)			12215 H	12082 H	11449 H	11080 H	10650 H	10092 H	
Top up (k)			?	?	?	?	90	?	

Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt						
Viscosity at 100°C	ASTM D7279	cSt	13.6	14.5	14.6	14.2	14.0	14.5
Viscosity-index	ASTM D2270							
Fuel dilution	ASTM D7593	%	2.96	0.73	0.55	0.68	0.59	0.28
AN	ASTM D8045	mg KOH/g						
BN	ASTM D2896B	mg KOH/g						
Oxidation	ASTM E2412 (A)	Abs/0.1mm	13.2	13.1	15.8	15.9	16.9	18.1
Nitration	ASTM E2412	Abs/0.1mm	8.1	8.5	7.7	7.5	7.5	9.5
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	2277	2460	1810	2080	1790	1690
Mg: Magnesium	ASTM D5185 (A)	ppm	14	19	380	452	413	368
P: Phosphorus	ASTM D5185 (A)	ppm	1047	1126	1071	1226	1060	948
S: Sulfur	ASTM D5185	%	0.23	0.35	0.34	0.38	0.33	0.30
Zn: Zink	ASTM D5185 (A)	ppm	1187	1200	1220	1532	1285	1222

Pollution:

Si: Silicon	ASTM D5185 (A)	ppm	< 10	< 10	10	10	< 10	< 10
B: Boron	ASTM D5185	ppm	80	60	54	76	61	33
Na: Sodium	ASTM D5185 (A)	ppm	11	5	8	5	9	< 5
Water	WI-0002	%	< 0.04	< 0.04	< 0.04	0.07	< 0.04	< 0.04
Water (KF)	ASTM D6304C	ppm						
Soot content	ASTM E2412 (A)	%	0.16	0.19	0.25	0.21	0.20	0.38
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	14	12	16	7	6	9
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	58	62	139	89	52	83
Mo: Molybdenum	ASTM D5185 (A)	ppm	94	99	67	75	67	59
Pb: Lead	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	< 5	< 5
Sn: Tin	ASTM D5185	ppm	1	2	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.

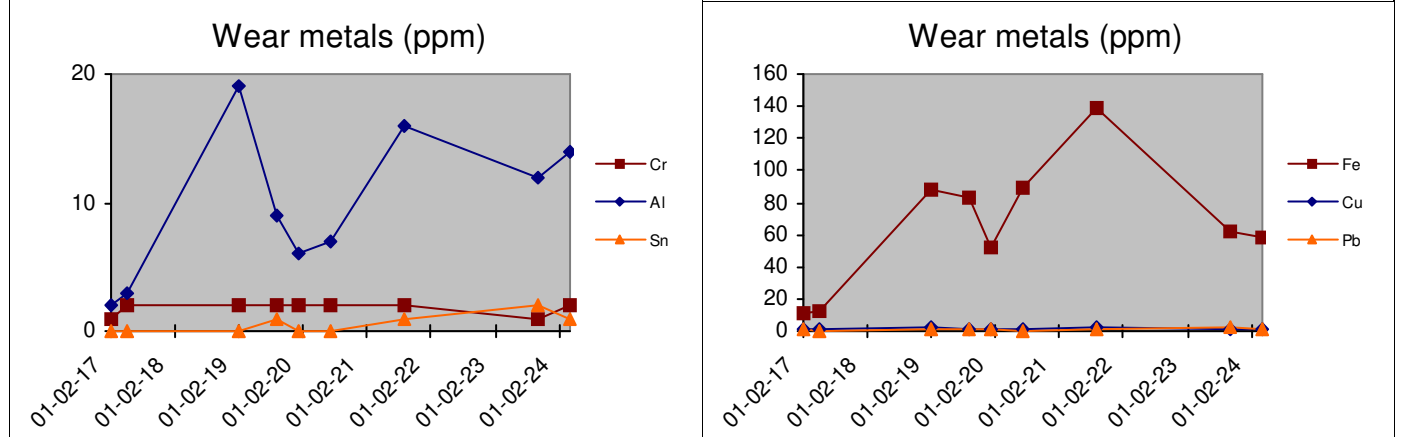
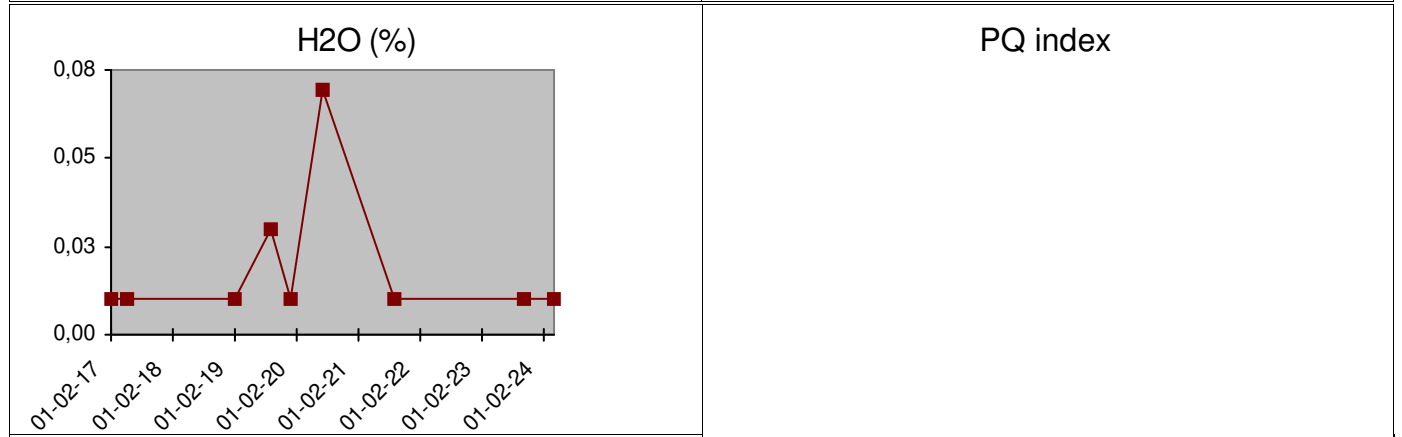
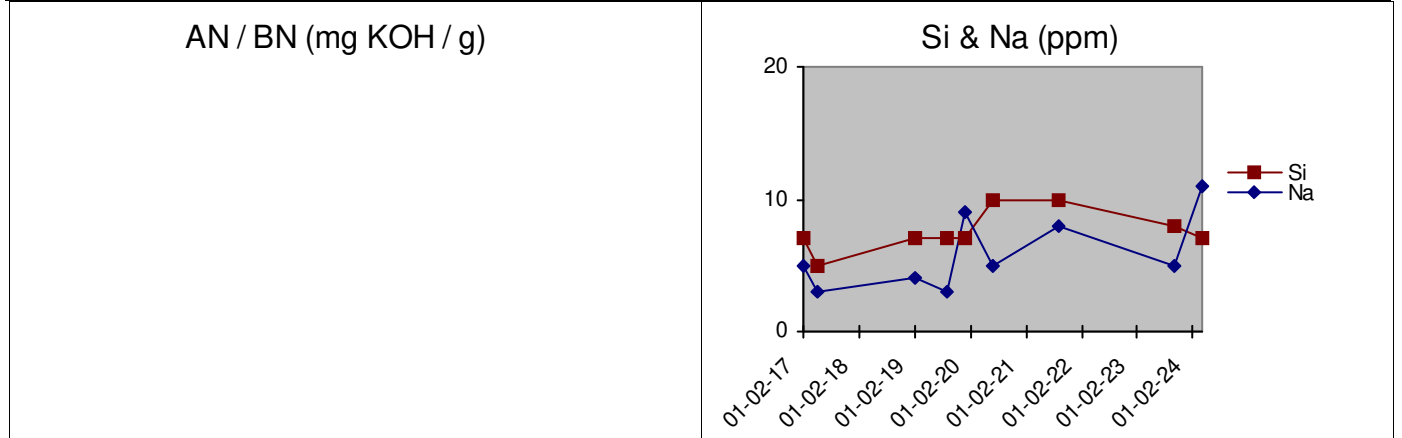
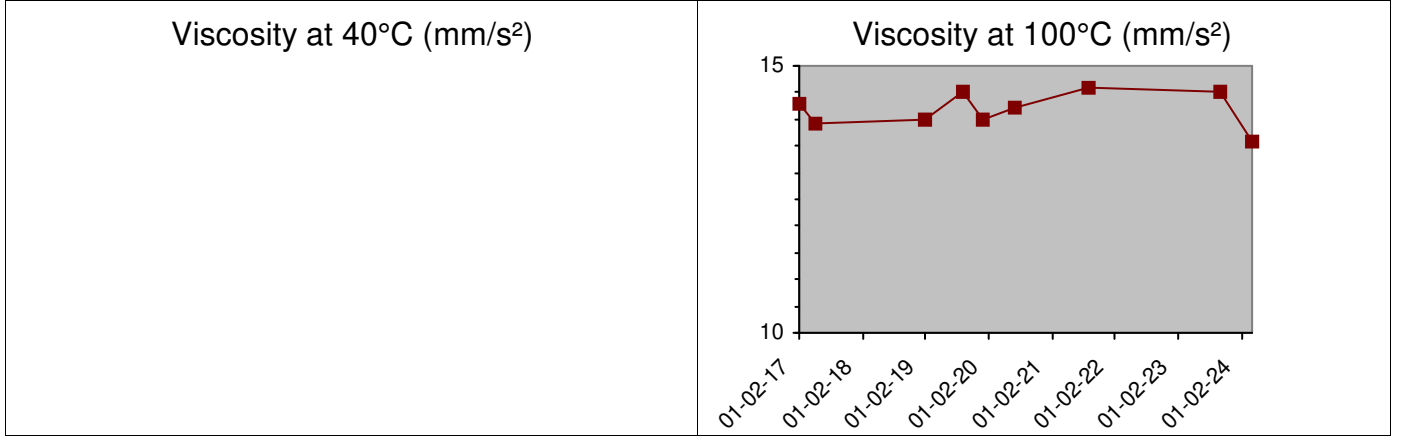
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Diagnosis: ANW

Date of issue: 19/04/2024

B118 AC RENTAL EUROPE.

History 17.04.24 A006



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