

System: DIESEL ENGINE
Sump Capacity (k): 60 L
Lubricant (k): ATLAS PAROIL E MISS.GREEN SAE 15W40
Labocodenbr: 109897-ko.1
Samplenummer: 17.06.24 A004
Labelnummer: 00745085
Date sample drawn (k): 31.05.2024
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROPE
Luc Despeghel
Address (k): INDUSTRIEWEG 1F
B- 2850 BOOM
Your customer (k): 852594/17943
Your ref. (k): B/852594/17943/PTS1600



Oil



Pollution



Wear



Diagnostic

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

Normal

Results:	Method*	Unit	Current sample				17.06.24 A004
Analysis date			17/06/2024	21/02/2024	23/01/2023	6/09/2022	
Date of receipt			17/06/2024	21/02/2024	23/01/2023	6/09/2022	
Sample date (k)			31/05/2024	15/02/2024	11/01/2023	31/08/2022	
H/Km Oil (k)			377 H	500 H	500 H	323 H	
H/Km total (k)			2927 H	2062 H	729 H	323 H	
Top up (k)			?	?	60	?	

Oil Condition:

Viscosity at 40°C	ASTM D7279	cSt					
Viscosity at 100°C	ASTM D7279	cSt	14.5	14.4	13.7	13.4	
Viscosity-index	ASTM D2270						
Fuel dilution	ASTM D7593	%	0.55	0.60	0.47	0.60	
AN	ASTM D8045	mg KOH/g					
BN	ASTM D2896B	mg KOH/g					
Oxidation	ASTM E2412 (A)	Abs/0.1mm	14.5	14.0	14.3	15.0	
Nitration	ASTM E2412	Abs/0.1mm	9.7	8.7	9.1	7.1	
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	2887	2620	2180	1990	
Mg: Magnesium	ASTM D5185 (A)	ppm	13	12	27	274	
P: Phosphorus	ASTM D5185 (A)	ppm	1279	1159	994	1065	
S: Sulfur	ASTM D5185	%	0.45	0.36	0.33	0.31	
Zn: Zink	ASTM D5185 (A)	ppm	1544	1252	1115	1216	

Pollution:

Si: Silicon	ASTM D5185 (A)	ppm	< 10	< 10	< 10	13	
B: Boron	ASTM D5185	ppm	103	82	55	120	
Na: Sodium	ASTM D5185 (A)	ppm	< 5	< 5	< 5	< 5	
Water	WI-0002	%	< 0.04	< 0.04	0.04	< 0.04	
Water (KF)	ASTM D6304C	ppm					
Soot content	ASTM E2412 (A)	%	0.07	0.06	0.08	0.06	
Antifreeze	ASTM D2982A		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	16	20	14	< 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	46	33	32	18	
Mo: Molybdenum	ASTM D5185 (A)	ppm	113	105	93	74	
Pb: Lead	ASTM D5185 (A)	ppm	< 5	5	< 5	< 5	
Sn: Tin	ASTM D5185	ppm	2	1	2	< 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.

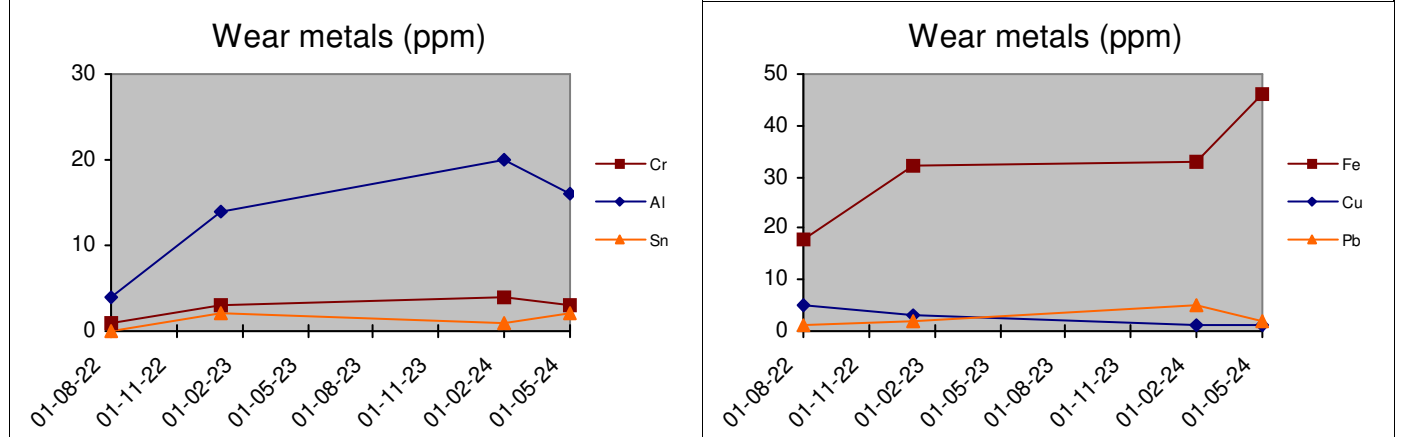
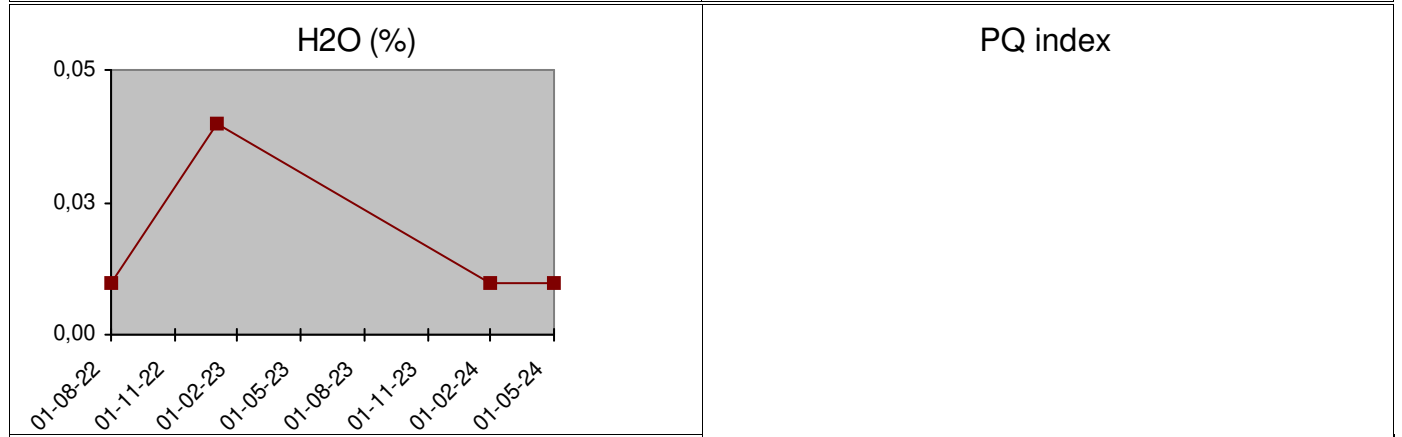
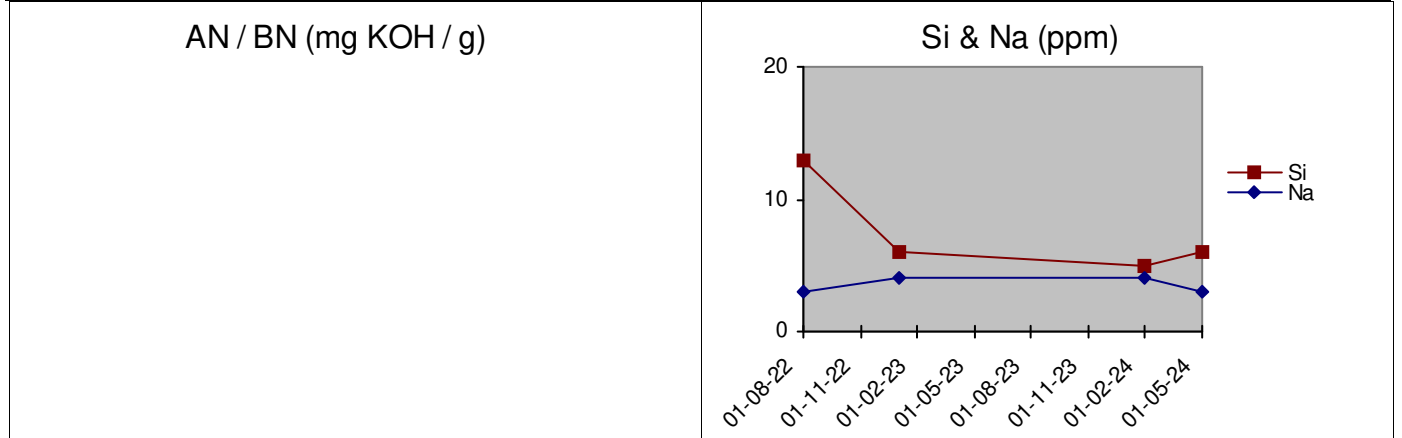
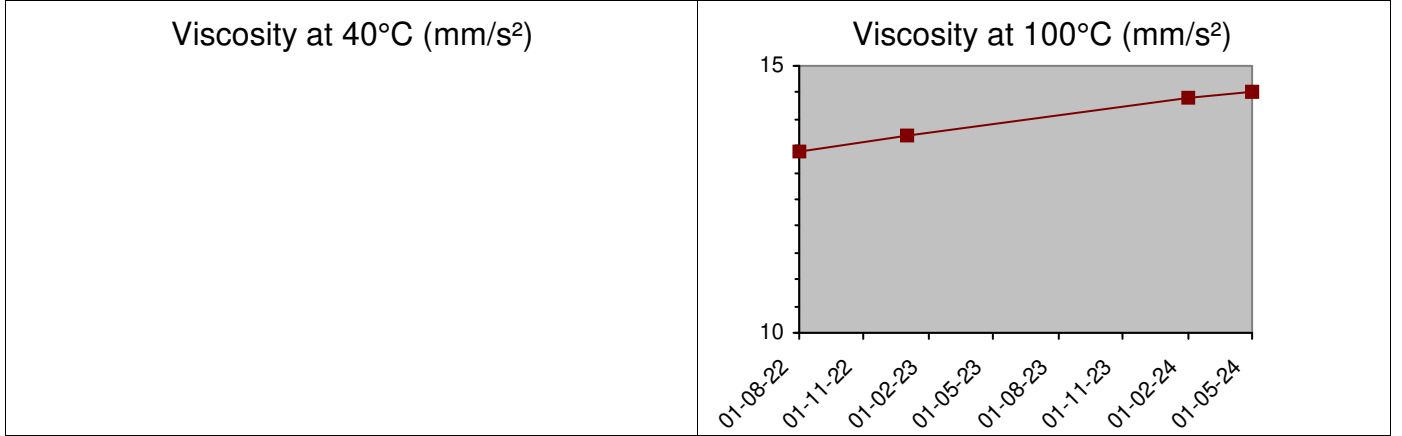
Batch: 2417004 - p.1 / 2

Diagnosis: ANW

Date of issue: 18/06/2024

B118 AC RENTAL EUROPE.

History 17.06.24 A004



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