

System: DIESEL ENGINE  
Sump Capacity (k): 40 L  
Lubricant (k): ATLAS PAROIL E GREEN SAE 15W40  
Labocodenbr: 109897-tx.1  
Samplenummer: 08.07.24 A005  
Labelnummer: 00744933  
Date sample drawn (k): 3.07.2024  
Sampling: by client

Customer (k): ATLAS COPCO RENTAL EUROPE  
Luc Despeghel  
Address (k): INDUSTRIEWEG 1F  
B- 2850 BOOM  
Your customer (k): ESF507967  
Your ref. (k): S/ESF507967/QAS50



Oil



Pollution



Wear

**Diagnostic**

Results considered as normal for a running-in period.

Normal

Results:	Method*	Unit	Current sample	08.07.24 A005
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Analysis date			8/07/2024	
Date of receipt			8/07/2024	
Sample date (k)			3/07/2024	
H/Km Oil (k)			500 H	
H/Km total (k)			500 H	
Top up (k)			?	

**Oil Condition:**

Viscosity at 40°C	ASTM D7279	cSt		
Viscosity at 100°C	ASTM D7279	cSt	14.4	
Viscosity-index	ASTM D2270			
Fuel dilution	ASTM D7593	%	0.59	
AN	ASTM D8045	mg KOH/g		
BN	ASTM D2896B	mg KOH/g		
Oxidation	ASTM E2412 (A)	Abs/0.1mm	20.4	
Nitration	ASTM E2412	Abs/0.1mm	10.9	
PMCC	ASTM D93	°C		
COC	ASTM D92B	°C		
Color	ASTM D1500			

**Additives:**

Ba: Barium	ASTM D5185	ppm	< 1	
Ca: Calcium	ASTM D5185 (A)	ppm	2768	
Mg: Magnesium	ASTM D5185 (A)	ppm	14	
P: Phosphorus	ASTM D5185 (A)	ppm	1115	
S: Sulfur	ASTM D5185	%	0.39	
Zn: Zink	ASTM D5185 (A)	ppm	1347	

**Pollution:**

Si: Silicon	ASTM D5185 (A)	ppm	11	
B: Boron	ASTM D5185	ppm	33	
Na: Sodium	ASTM D5185 (A)	ppm	< 5	
Water	WI-0002	%	0.04	
Water (KF)	ASTM D6304C	ppm		
Soot content	ASTM E2412 (A)	%	0.03	
Antifreeze	ASTM D2982A		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	
Cr: Chromium	ASTM D5185 (A)	ppm	< 5	
Cu: Copper	ASTM D5185 (A)	ppm	13	
Fe: Iron	ASTM D5185 (A)	ppm	8	
Mo: Molybdenum	ASTM D5185 (A)	ppm	107	
Pb: Lead	ASTM D5185 (A)	ppm	14	
Sn: Tin	ASTM D5185	ppm	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: 2419104 - p.1 / 1

Diagnosis: ANW

Date of issue: 09/07/2024

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