Alpha Maintenance S	iystems S		Analysis Report ATLAS COPCO PBE1600 (K) (90926201/17539)				
Oil analysis lab		702-TEST					
System: Sump Capacity (k):	AIR COMPRESSOR 35 L	Customer (k):	ATLAS COPCO RENTAL EUROPE				
Lubricant (k):	ATLAS COPCO ROTO Z ISO 68	Address (k):	Luc Despeghel INDUSTRIEWEG 1F				
Labocodenbr: Samplenumber:	109897-tz.9 12.07.24 0015		B- 2850 BOOM				
Labelnumber:	429000801855						
Date sample drawn (k):	28.06.2024	Your customer (k): 9	Your customer (k): 90926201/17539				
Sampling:	by client	Your ref. (k):					
Diagnostic	Oil Po	llution 🛛 🗹 W	/ear				
The oil is contaminated with a significant amount of water. Aspect: Free water visible at the bettem of the sample. The other characteristics are							

Action

The oil is contaminated with a significant amount of water. Aspect: Free water visible at the bottom of the sample. The other characteristics are considered as normal. Please investigate and eliminate the cause of waterinfiltration.

Results:	Method*	Unit	Current sample
Analysis date			12/07/2024
Date of receipt			12/07/2024
Sample date (k)			28/06/2024
H/Km Oil (k)			4833 H
H/Km total (k)			4833 H
Top up (k)			?
Oil Condition:			
Viscosity at 40°C	ASTM D7279	cSt	66.4
Viscosity at 100°C	ASTM D7279	cSt	9.6
, Viscosity-index	ASTM D2270		126
Fuel dilution	ASTM D7593	%	
AN	ASTM D8045	mg KOH/g	0.31
BN	ASTM D2896B	mg KOH/g	0.51
Oxidation	ASTM E2412 (A)	Abs/0.1mm	6.4
Nitration	ASTM E2412	Abs/0.1mm	3.7
PMCC	ASTM D93	°C	
COC	ASTM D92B	°C	
Color	ASTM D1500		
Additives:			
Ba: Barium	ASTM D5185	ppm	< 1
Ca: Calcium	ASTM D5185 (A)	ppm	19
Mg: Magnesium	ASTM D5185 (A)	ppm	5
P: Phosphorus	ASTM D5185 (A)	ppm	396
S: Sulfur	ASTM D5185	%	0.00
Zn: Zink	ASTM D5185 (A)	ppm	48
Pollution:			
Si: Silicon	ASTM D5185 (A)	ppm	< 10
B: Boron	ASTM D5185	ppm	<1
Na: Sodium	ASTM D5185 (A)	ppm	< 5
Water	WI-0002	%	0.36
Water (KF)	ASTM D6304C	ppm	
Soot content	ASTM E2412 (A)	%	
Antifreeze	ASTM D2982A		
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	< 5
Fe: Iron	ASTM D5185 (A)	ppm	< 5
Mo: Molybdenum	ASTM D5185 (A)	ppm	< 5
Pb: Lead	ASTM D5185 (A)	ppm	< 5
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: 2419801 - p.1 / 1 Diagnosis: KDS Date of issue: 16/07/2024 B118 AC RENTAL EUROP