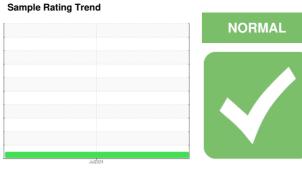


# **OIL ANALYSIS REPORT**

# NOT GIVEN **ATLAS COPCO CAI821039 - PIONT LIGHTING**

Component Compressor



### DIAGNOSIS

#### Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

### Contamination

Moderate concentration of visible dirt/debris present in the oil.

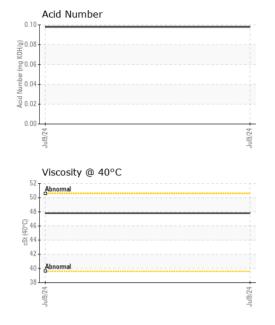
#### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06235065		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		6283		
Oil Age	hrs	Client Info		1852		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m		3		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>15	<1		
Lead	ppm	ASTM D5185m	>65	0		
Copper	ppm	ASTM D5185m	>65	1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		34		
Zinc	ppm	ASTM D5185m		21		
Sulfur	ppm	ASTM D5185m		237		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	2		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.098		



## **OIL ANALYSIS REPORT**



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	MODER		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		47.8		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						
Ferrous Alloys						
8 iron iron iron nickel	***************					
Jul9/24			Jul9/24			
Non-ferrous Metal	S					





Certificate 12367

Laboratory Sample No. Lab Number : 06235065 Unique Number : 11123899

Test Package : IND 2

: UCH06235065

Viscosity @ 40°C

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 12 Jul 2024

Tested : 15 Jul 2024

: 15 Jul 2024 - Don Baldridge Diagnosed

0.10 0.08 0.08 €0.06 를 0.04

0.00

Acid Number

US 07072 Contact: ELVIN DIAZ ediaz@airmaticcompressor.com;canastasio@wearcheckusa.com T: (800)864-7621

**AIRMATIC COMPRESSOR SYSTEMS** 

700 WASHINGTON AVE

CARLSTADT, NJ

To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (201)342-6241 Contact/Location: ELVIN DIAZ - UCAIRCAR