

## **OIL ANALYSIS REPORT**

Area ACS-46 [419912] ATLAS COPCO API631358 - GREENWAY IND

Component Compressor

#### Recommendation

Resample at the next service interval to monitor.

### Wear

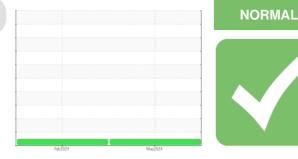
All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

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



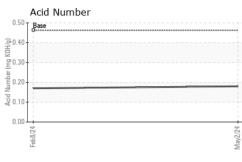
Sample Rating Trend

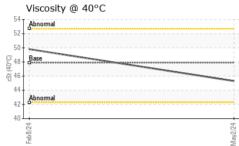


SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06183018	UCH06083734	
Sample Date		Client Info		02 May 2024	08 Feb 2024	
Machine Age	hrs	Client Info		14408	12876	
Oil Age	hrs	Client Info		1608	0	
Oil Changed		Client Info		Not Changd	N/A	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	
Chromium	ppm	ASTM D5185m	>5	0	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		<1	0	
Aluminum	ppm	ASTM D5185m	>15	0	1	
Lead	ppm	ASTM D5185m	>65	0	<1	
Copper	ppm	ASTM D5185m	>65	<1	<1	
Tin	ppm	ASTM D5185m	>10	0	<1	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1.5	0	0	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m	0.3	0	0	
Magnesium	ppm	ASTM D5185m	0	0	1	
Calcium	ppm	ASTM D5185m	0	0	<1	
Phosphorus	ppm	ASTM D5185m	406	113	24	
Zinc	ppm	ASTM D5185m	0	16	107	
Sulfur	ppm	ASTM D5185m	1283	1236	0	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	2	4	
Sodium	ppm	ASTM D5185m		1	0	
Potassium	ppm	ASTM D5185m	>20	0	1	
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.463	0.18	0.17	



# **OIL ANALYSIS REPORT**





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Ferrous Alloys	Bottom						no image
	Non-ferrous Meta	ls		May2/24			
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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)

Certificate L2367

Contact/Location: ELVIN DIAZ - UCAIRCAR

T: (800)864-7621

F: (201)342-6241