

# **OIL ANALYSIS REPORT**

# **ROTO XTEND [418532]** ATLAS COPCO ITJ682460 - KUBRA

Component Compressor





### Recommendation

### Contamination

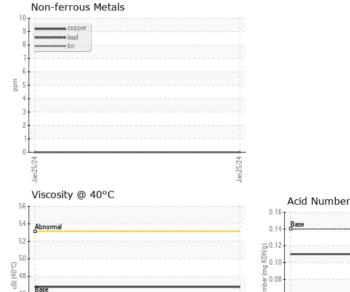
### **Fluid Condition**

					Jan 2024		
DIAGNOSIS	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		UCH06141401		
Resample at the next service interval to monitor.	Sample Date		Client Info		25 Jan 2024		
Wear	Machine Age	hrs	Client Info		4437		
All component wear rates are normal.  Contamination  There is no indication of any contamination in the oil.	Oil Age	hrs	Client Info		4437		
	Oil Changed		Client Info		N/A		
	Sample Status				NORMAL		
	WEAR METALS		method	limit/base	current	history1	history2
Fluid Condition The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Iron	ppm	ASTM D5185m	>50	0		
	Chromium	ppm	ASTM D5185m	>5	0		
	Nickel	ppm	ASTM D5185m		<1		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>15	0		
	Lead	ppm	ASTM D5185m	>65	0		
	Copper	ppm	ASTM D5185m	>65	0		
	Tin	ppm	ASTM D5185m	>10	0		
	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		19		
	Zinc	ppm	ASTM D5185m		0		
	Sulfur	ppm	ASTM D5185m		29		
	CONTAMINANTS	;	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>35	<1		
	Sodium	ppm	ASTM D5185m		<1		
	Potassium	ppm	ASTM D5185m	>20	0		
	Water	%	ASTM D6304	>0.1	NEG		
	FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.11		
	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	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	<b>Emulsified Water</b>	scalar	*Visual	>0.1	NEG		
Report Id: UCAIRCAR [WUSCAR] 06141401 (Generated: 04/10/2024 1	Free Water	scalar	*Visual		NEG	ation;_ELVIN DIA	Z - <u>UCAIRCAR</u> Page 1 of 2



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: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No.

Lab Number : 06141401 Unique Number : 10966209

: UCH06141401

Received : 08 Apr 2024 **Tested** : 10 Apr 2024 Diagnosed

: 10 Apr 2024 - Angela Borella

0.02

0.00

**AIRMATIC COMPRESSOR SYSTEMS** 700 WASHINGTON AVE CARLSTADT, NJ

US 07072 Contact: ELVIN DIAZ

no image

no image

ediaz@airmaticcompressor.com;canastasio@wearcheckusa.com T: (800)864-7621

Test Package : IND 2 ( Additional Tests: KF ) Certificate 12367 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.

44 42

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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

Report Id: UCAIRCAR [WUSCAR] 06141401 (Generated: 04/10/2024 17:00:04) Rev: 1