

OIL ANALYSIS REPORT

Area **ROTO XTEND [416935] ATLAS COPCO API669078 - MAROTTA CONTROLS** Component

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

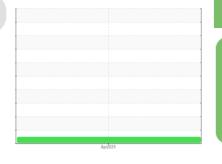
All component wear rates are normal.

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

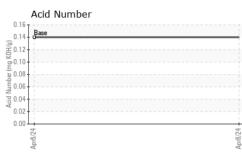


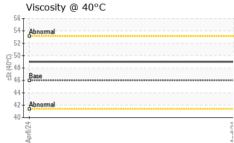
NORMAL

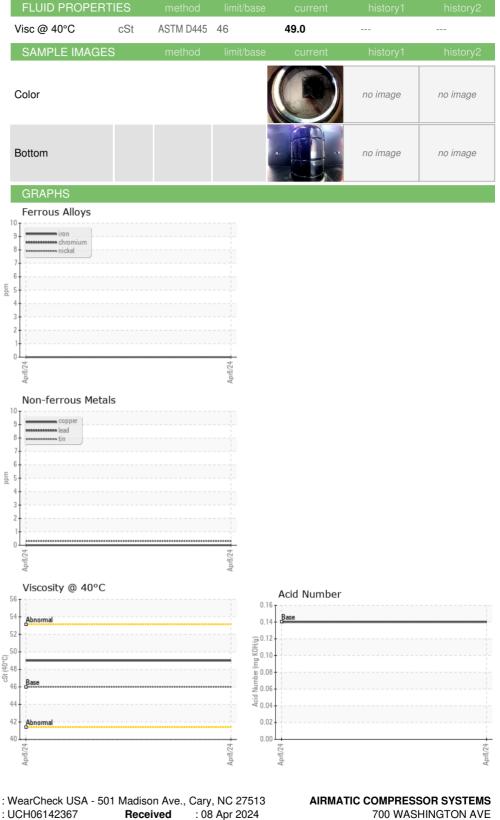
SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06142367		
Sample Date		Client Info		08 Apr 2024		
Machine Age	hrs	Client Info		54153		
Oil Age	hrs	Client Info		2845		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m		0		
Nickel		ASTM D5185m	20	0		
Titanium	ppm ppm	ASTM D5185m		0		
Silver		ASTM D5185m		0		
Aluminum	ppm ppm	ASTM D5185m	>15	0		
Lead		ASTM D5185m	>65	0		
	ppm	ASTM D5185m	>65	0		
Copper Tin	ppm		>00 >10			
Vanadium	ppm	ASTM D5185m ASTM D5185m	>10	<1 0		
	ppm			0		
Cadmium	ppm	ASTM D5185m		U		
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		<1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		14		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS	\$	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.1	NEG		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.14		
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	LIGHT		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor		*Visual	NORML	NORML		
Emulsified Water	scalar scalar	*Visual	>0.1	NORME		
Free Water			>0.1		ation; ELVIN DIA	
Fiee water	scalar	*Visual		NEG		



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Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06142367 Sample No. Lab Number : 06142367 Tested : 11 Apr 2024 CARLSTADT, NJ Unique Number : 10967175 Diagnosed : 11 Apr 2024 - Don Baldridge US 07072 Test Package : IND 2 (Additional Tests: KF) Contact: ELVIN DIAZ Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. ediaz@airmaticcompressor.com;canastasio@wearcheckusa.com T: (800)864-7621 * - 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