

OIL ANALYSIS REPORT

Area **ROTO** Z [420501] Machine Id **ATLAS COPCO API795371 - FERRERO** Component

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

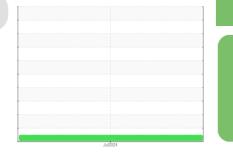
All component wear rates are normal.

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

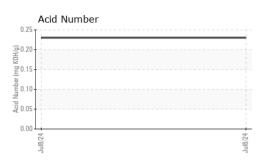


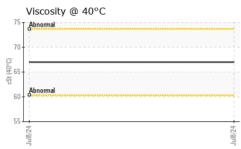
NORMAL

SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06236972		
Sample Date		Client Info		08 Jul 2024		
Machine Age	hrs	Client Info		8914		
Oil Age	hrs	Client Info		0		
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	<1		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>15	2		
Lead	ppm	ASTM D5185m	>65	0		
Copper	ppm	ASTM D5185m	>65	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		522		
Zinc	ppm	ASTM D5185m		1		
Sulfur	ppm	ASTM D5185m		569		
CONTAMINANTS	\$	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.23		



OIL ANALYSIS REPORT





White Metal scalar 'Visual NONE NONE Yeliow Metal scalar 'Visual NONE NONE Sitt scalar 'Visual NONE NONE Sitt scalar 'Visual NONE NONE Sand'Dirit scalar 'Visual NONE NONE Appearance scalar 'Visual NONE NONE Cdor scalar 'Visual NONE NORML Emulsified Water scalar 'Visual NORML NORML Free Water scalar 'Visual -0.1 NEG Free Water scalar 'Visual NORML NORML NORML Free Water scalar 'Visual -0.1 NEG Free Water scalar 'Visual -0.1 Neg SAMPLE IMAGES method Innit/base current history1 history2 Color no image no image 0 mo image no image 0 mo image no image 0 mo image no image 0 mo image Free Water Sample		VISUAL		method			history1	history2
Yellow Metal scalar *Visual NONE Precipitate scalar *Visual NONE NONE Sitt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Codor scalar *Visual NORML NORML Free Water scalar *Visual NORML NORML Visc @ 40°C cSI ASTM D445 67.0 SAMPLE IMAGES method Imit/base current history1 history2 Visc @ 40°C cSI ASTM D445 67.0 GERAPHS Ferrous Alloys Mon-ferrous Metals	_	White Metal	scalar	*Visual	NONE	NONE		
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CRAPHS Ferrous Alloys		Color					no image	no image
Ferrous Alloys		Bottom					no image	no image
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Abnormal Action Number 70 Abnormal 70 B0.15 80.15 B0.15 90.00 B0.15 90.00 B0.15 90.00 B0.15		2 0 4 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8			Jul8/24			
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No. : UCH06236972 Received : 15 Jul 2024 700 WASHINGTON AV nber : 06236972 Tested : 17 Jul 2024 CARLSTADT, 1		contact Customer Sei	vice at 1-8	300-237-136	<i>59.</i>	ediaz@airm	aticcompressor.com;canas	

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.

T: (800)864-7621 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (201)342-6241

Certificate L2367

Contact/Location: ELVIN DIAZ - UCAIRCAR