

OIL ANALYSIS REPORT

Area **ROTO XTEND** Machine Id **ATLAS COPCO ITJ302939 - SPORTS TIME** Component

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

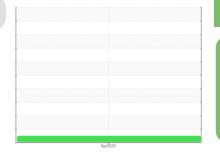
All component wear rates are normal.

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 Number Client Info 08 Apr 2024 Sample Date IC Client Info 08 Apr 2024 Machine Age hrs Client Info 775 Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status - method Inti/base WEAR METALS method Inti/base Current Intistory Nickel ppm ASTM D51856 <1 Silver ppm ASTM D51856 <1 Silver ppm ASTM D51856 >1 Aluminum ppm ASTM D51856 >1 Aluminum ppm ASTM D51856 >1 Copper ppm ASTM D51856 >1 Nordelama ppm ASTM D51856	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 2366 Oil Age hrs Client Info 775 Sample Status Client Info NZA WEAR METALS method Imubbase current history1 WEAR METALS method Imubbase current history2 Tran ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m <1	Sample Number		Client Info		UCH06142348		
Oil Age hrs Client Info 775 Oil Changed Client Info N/A Sample Status Client Info N/A WEAR METALS method limi/base current history1 Wear METALS method limi/base current history2 Chromium ppm ASTM 05185m <1	Sample Date		Client Info		08 Apr 2024		
Oil Changed Client Info N/A Sample Status rethod limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >5 <1	Machine Age	hrs	Client Info		2366		
Sample Status method Imit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >50 1 Nickel ppm ASTM D5185m <1	Oil Age	hrs	Client Info		775		
WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >50 1 Nickel ppm ASTM D5185m <1	Oil Changed		Client Info		N/A		
Iron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m <1 Nickel ppm ASTM D5185m <1 Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m >65 0 Aluminum ppm ASTM D5185m >65 0 Copper ppm ASTM D5185m <0 Vanadium ppm ASTM D5185m 0 ADDIT/VES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 Magnesum ppm ASTM D5185m 3 <th>Sample Status</th> <th></th> <th></th> <th></th> <th>NORMAL</th> <th></th> <th></th>	Sample Status				NORMAL		
Chromium ppm ASTM D5165m >5 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5165m <1 Titanium ppm ASTM D5165m <1	Iron	ppm	ASTM D5185m	>50	0		
Titanium ppm ASTM D5185m <1 Silver ppm ASTM D5185m >15 2 Aluminum ppm ASTM D5185m >65 0 Lead ppm ASTM D5185m >65 <1	Chromium	ppm	ASTM D5185m	>5	<1		
Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m >15 2 Aluminum ppm ASTM D5185m >65 0 Copper ppm ASTM D5185m >65 <1	Nickel	ppm	ASTM D5185m		<1		
Aluminum ppm ASTM D5185m >15 2 Lead ppm ASTM D5185m >65 0 Copper ppm ASTM D5185m >65 <1	Titanium	ppm	ASTM D5185m		<1		
Lead ppm ASTM D5185m >65 0 Copper ppm ASTM D5185m >65 <1	Silver	ppm	ASTM D5185m		<1		
Copper ppm ASTM D5185m >65 <1 Tin ppm ASTM D5185m >10 <1	Aluminum	ppm	ASTM D5185m	>15	2		
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 Magnese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 25 Phosphorus ppm ASTM D5185m 25 Sulfur ppm ASTM D5185m 25 Sulfur ppm ASTM D5185m 20 2 Sodium ppm ASTM D5185m >20 2	Lead	ppm	ASTM D5185m	>65	0		
Vanadium ppm ASTM D5185m <td>Copper</td> <td>ppm</td> <td>ASTM D5185m</td> <td>>65</td> <td><1</td> <td></td> <td></td>	Copper	ppm	ASTM D5185m	>65	<1		
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ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0BariumppmASTM D5185m10MolybdenumppmASTM D5185m0ManganeseppmASTM D5185m0MagnesiumppmASTM D5185m0CalciumppmASTM D5185m3CalciumppmASTM D5185m25ZincppmASTM D5185m186SulfurppmASTM D5185m186SulfurppmASTM D5185m186SodiumppmASTM D5185m>357YotassiumppmASTM D5185m>202Vater%ASTM D5185m>202FLUID DEGRADATIONmethodImit/basecurrenthistory1history2White Metalscalar*VisualNONEVISUALmethodImit/basecurrenthistory1history2White Metalscalar*VisualNONEYellow Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiltscalar*Vi	Vanadium	ppm	ASTM D5185m		<1		
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SiliconppmASTM D5185m>357SodiumppmASTM D5185m<1	Sulfur	ppm	ASTM D5185m		186		
SodiumppmASTM D5185m<1PotassiumppmASTM D5185m<>202Water%ASTM D6304<>0.1NEGFLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.140.10VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG	CONTAMINANTS		method	limit/base	current	history1	history2
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FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOH/gASTM D80450.140.10VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONEPrecipitatescalar*VisualNONENONESiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG	Potassium	ppm	ASTM D5185m	>20	2		
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Yellow Metalscalar*VisualNONENONEPrecipitatescalar*VisualNONENONESiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG	VISUAL		method	limit/base	current	history1	history2
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Appearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG	Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.1 NEG	Appearance						
Emulsified Water scalar *Visual >0.1 NEG	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		

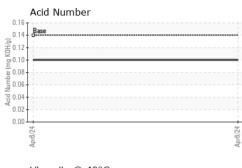
NEG

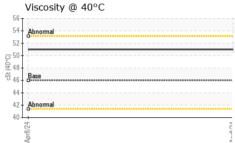
scalar *Visual

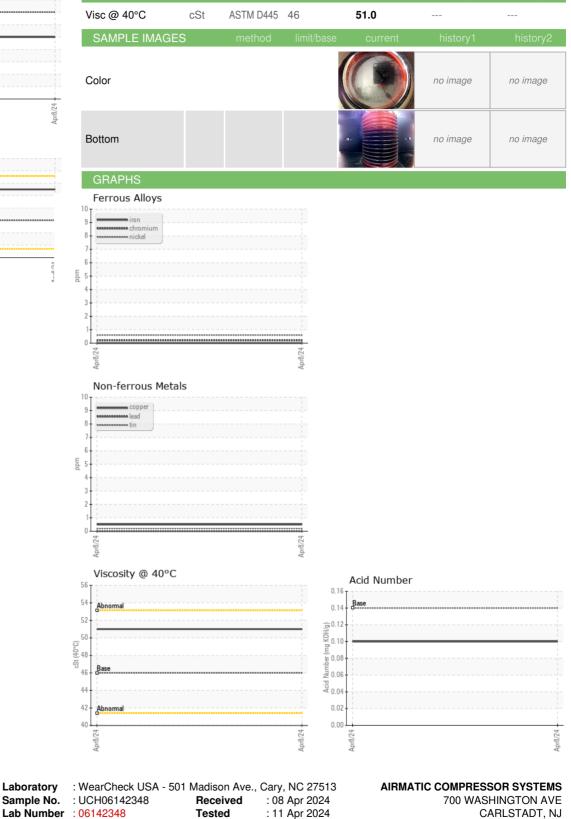


OIL ANALYSIS REPORT

FLUID PROPERTIES









Unique Number : 10967156 Diagnosed : 11 Apr 2024 - Don Baldridge 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

US 07072 Contact: ELVIN DIAZ ediaz@airmaticcompressor.com;canastasio@wearcheckusa.com T: (800)864-7621 F: (201)342-6241

Laboratory

Sample No.

Contact/Location: ELVIN DIAZ - UCAIRCAR