

PROBLEM SUMMARY

Sample Rating Trend

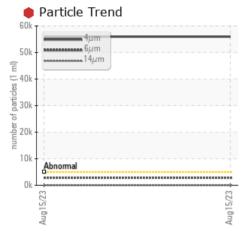


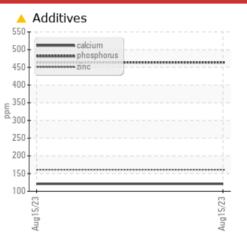


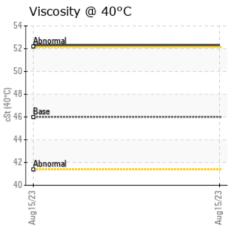
Area SB1 Machine Id ATLAS COPCO 1002633 SB1 Compressor (S/N A11200341) Component

ATLAS COPCO ROTO INJECT FLUID (8 LTR)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. Resample in 30-45 days to monitor this situation. (Customer Sample Comment: We think this is Atlas Ndurance Roto Inject Fluid, please confirm as we had some personnel changes.)

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	
Calcium	ppm	ASTM D5185(m)	1000	<u> </u>	
Zinc	ppm	ASTM D5185(m)	590	🔺 161	
Sulfur	ppm	ASTM D5185(m)		<u> </u>	
Particles >4µm		ASTM D7647	>5000	• 55970	
Particles >6µm		ASTM D7647	>1300	🔺 2845	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	e 23/19/11	

Customer Id: WATGEO Sample No.: WC0776670 Lab Number: 02576424 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 <u>gloria.gonzalez@wearcheck.com</u>

RECOMMENDED A	CTIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Resample			?	Resample in 30-45 days to monitor this situation.
Check Breathers			?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Fluid Source			?	Confirm the source of the lubricant being utilized for top-up/fill.
Check Seals			?	Check seals and/or filters for points of contaminant entry.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

ISO



Machine Id ATLAS COPCO 1002633 SB1 Compressor (S/N A11200341) Component

ATLAS COPCO ROTO INJECT FLUID (8 LTR)

DIAGNOSIS

Recommendation

Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. Resample in 30-45 days to monitor this situation. (Customer Sample Comment: We think this is Atlas Ndurance Roto Inject Fluid, please confirm as we had some personnel changes.)

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The oil viscosity is higher than typical. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Sample Date Client Info 15 Aug 2023 Wachine Age hrs Client Info 0 Dil Age hrs Client Info 8 Dil Changed Client Info N/A Sample Status Im/Va VEAR METALS method Im/Vase current history1 history2 ron ppm ASTM D5185m >20 0 Vickel ppm ASTM D5185m >20 0 Ruminum ppm ASTM D5185m >20 2 Lead ppm ASTM D5185m >20 2 Auminum ppm ASTM D5185m >20 2 Silver ppm ASTM D5185m >20 2 Cadadum ppm ASTM D5185m	INJECT FLUID (8 LTR)			Aug2023		
Sample Date Client Info 15 Aug 2023 Wachine Age hrs Client Info 0 Dil Age hrs Client Info 8 Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 ron ppm ASTIL05185m >20 0 Vickel ppm ASTIL05185m >20 0 Viskel ppm ASTIL05185m >20 2 Numinum ppm ASTIL05185m >20 2 Lead ppm ASTIL05185m >20 2 Auminum ppm ASTIL05185m >20 2 Copper ppm ASTIL05185m 0 Auminum	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
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Dil Changed Client Info N/A Sample Status Image: Several seve	Machine Age	hrs	Client Info		0		
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Particles >71μm ASTM D7647 >3 0 Dil Cleanliness ISO 4406 (c) >19/17/14 23/19/11 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>40	4		
Dil Cleanliness ISO 4406 (c) >19/17/14 • 23/19/11 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>10	0		
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	• 23/19/11		
Acid Number (AN) mg KOH/g ASTM D974* 0.95 0.36	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974*	0.95	0.36		

Report Id: WATGEO [WCAMIS] 02576424 (Generated: 08/23/2023 13:46:22) Rev: 1



OIL ANALYSIS REPORT

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

52.3

Particle Count

Acid Number

491.5

122,88 30.72 7.6

1.92

480

120

31

1.00 (B/H0) 0.80 KOH Base

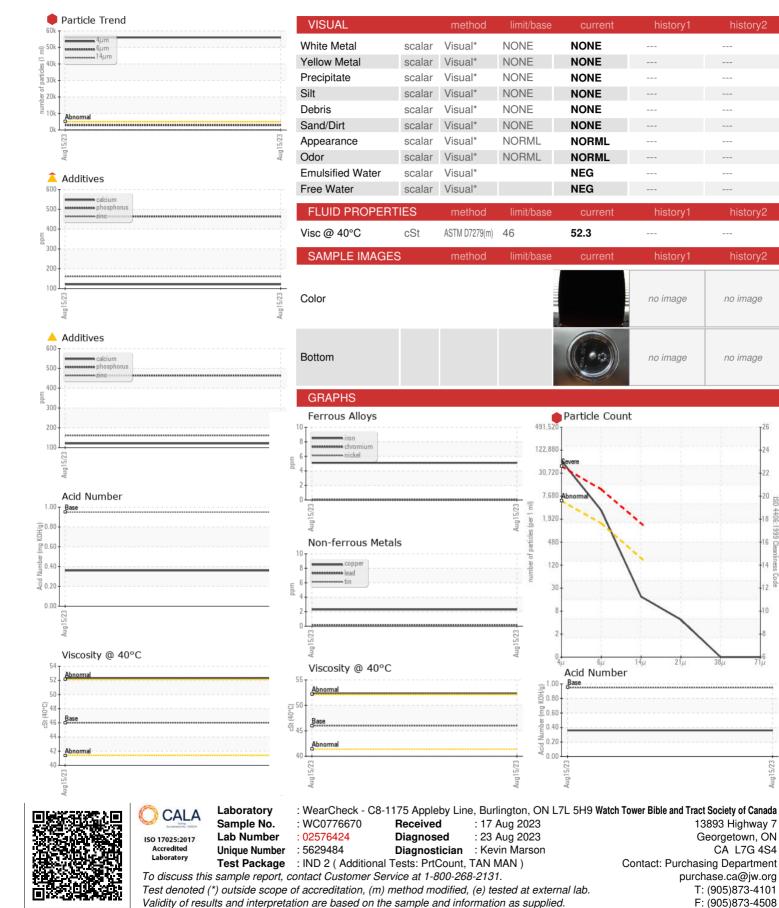
Ê 0.60

· e 0.40

0.00

Aud 1

Acid Nu 0.20



13893 Highway 7 Georgetown, ON CA L7G 4S4 **Contact: Purchasing Department** purchase.ca@jw.org T: (905)873-4101 F: (905)873-4508

214

history

no image

no image

4406

:1999 Cle

14

no image

no image