



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Area
ROTO XTEND [416730]
Machine Id
ATLAS COPCO API892952 - NJ TRANSIT BUS GARAGE
Component
Compressor

RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

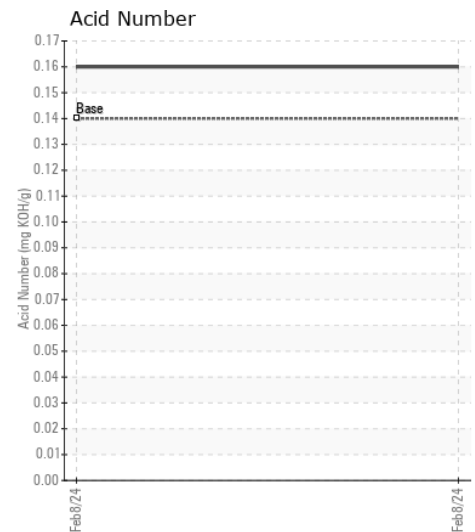
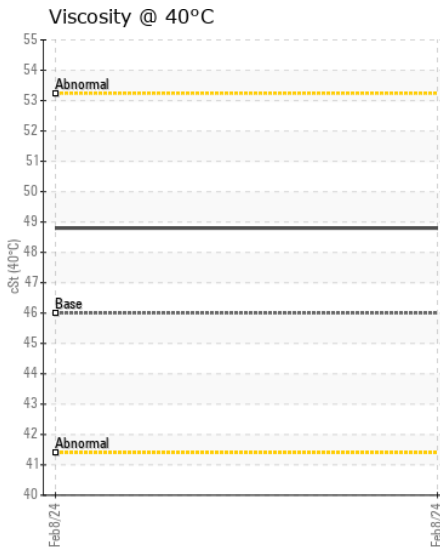
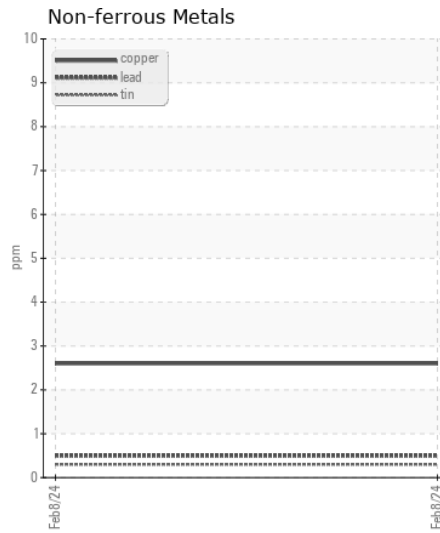
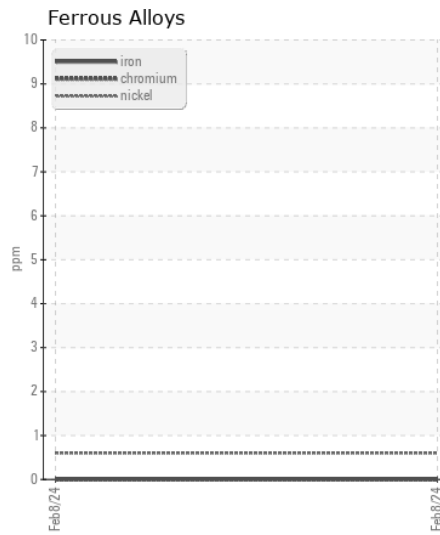
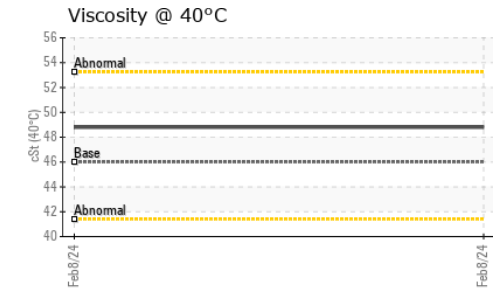
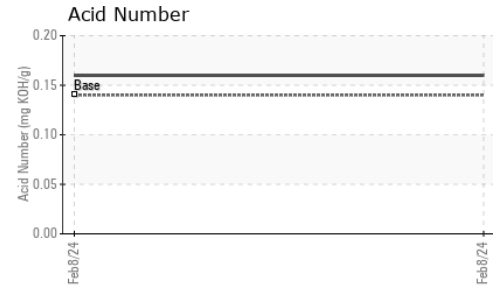
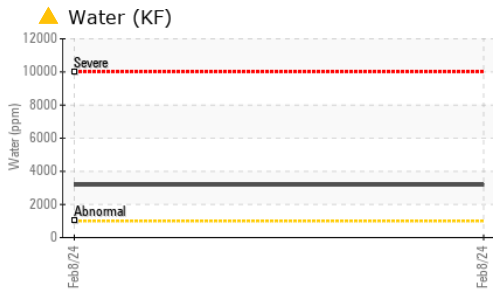
CONTAMINATION

There is a light concentration of water present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06083768	---	---
Sample Date		Client Info		08 Feb 2024	---	---
Machine Age	hrs	Client Info		7724	---	---
Oil Age	hrs	Client Info		3456	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ATTENTION	---	---
Iron	ppm	ASTM D5185m	>50	0	---	---
Chromium	ppm	ASTM D5185m	>5	0	---	---
Nickel	ppm	ASTM D5185m		<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>15	1	---	---
Lead	ppm	ASTM D5185m	>65	<1	---	---
Copper	ppm	ASTM D5185m	>65	3	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>35	4	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water	%	ASTM D6304	>0.1	▲ 0.318	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 3180	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	---	---
Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		<1	---	---
Phosphorus	ppm	ASTM D5185m		34	---	---
Zinc	ppm	ASTM D5185m		59	---	---
Sulfur	ppm	ASTM D5185m		33	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.16	---	---
Visc @ 40°C	cSt	ASTM D445	46	48.8	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : UCH06083768

Lab Number : 06083768

Unique Number : 10871213

Test Package : IND 2 (Additional Tests: KF)

Received : 08 Feb 2024

Tested : 09 Feb 2024

Diagnosed : 11 Feb 2024 - Don Baldrige

AIRMATIC COMPRESSOR SYSTEMS

700 WASHINGTON AVE

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US 07072

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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)