



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
ULTRA COOLANT
Machine Id
INGERSOLL RAND CBV849946
Component
Compressor

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

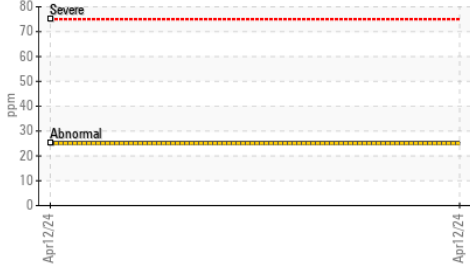
Elemental level of silicon (Si) above normal.

FLUID CONDITION

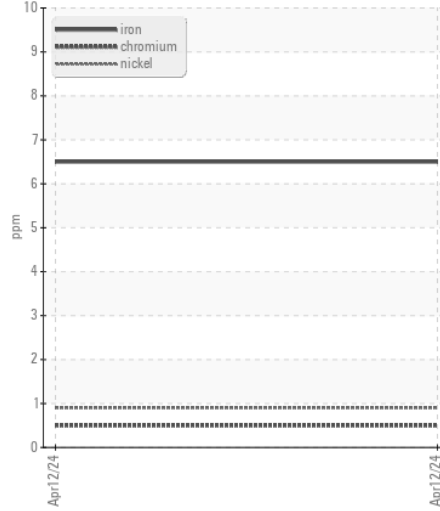
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UAC06160462	---	---
Sample Date		Client Info		12 Apr 2024	---	---
Machine Age	hrs	Client Info		6075	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>50	6	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	2	---	---
Lead	ppm	ASTM D5185m	>25	1	---	---
Copper	ppm	ASTM D5185m	>50	2	---	---
Tin	ppm	ASTM D5185m	>15	1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>25	▲ 25	---	---
Potassium	ppm	ASTM D5185m	>20	8	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185m		89	---	---
Boron	ppm	ASTM D5185m	0	0	---	---
Barium	ppm	ASTM D5185m	500	710	---	---
Molybdenum	ppm	ASTM D5185m	0	1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	0	2	---	---
Calcium	ppm	ASTM D5185m	0	25	---	---
Phosphorus	ppm	ASTM D5185m	20	2	---	---
Zinc	ppm	ASTM D5185m	0	61	---	---
Sulfur	ppm	ASTM D5185m	200	367	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.519	---	---
Visc @ 40°C	cSt	ASTM D445	49.4	54.1	---	---

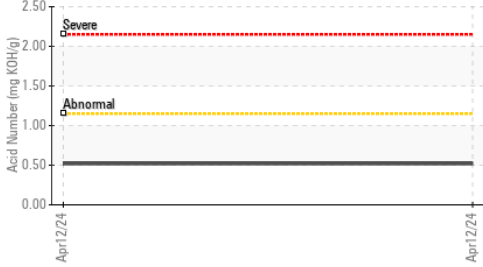
▲ Silicon (ppm)



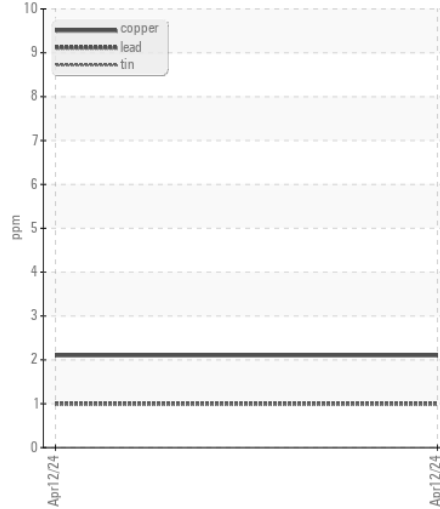
Ferrous Alloys



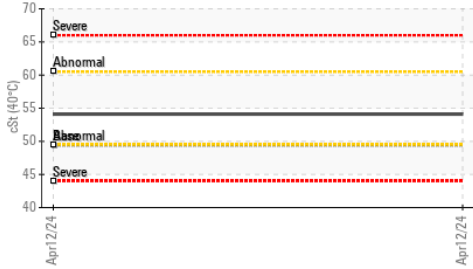
Acid Number



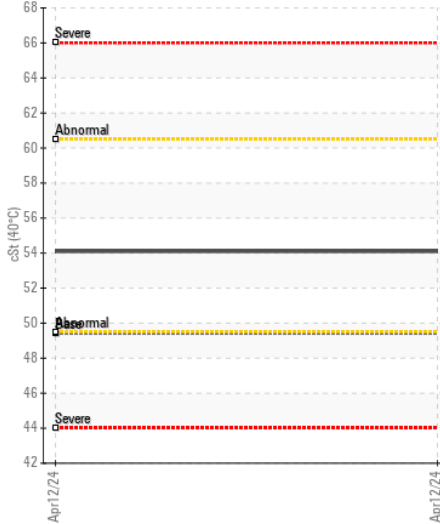
Non-ferrous Metals



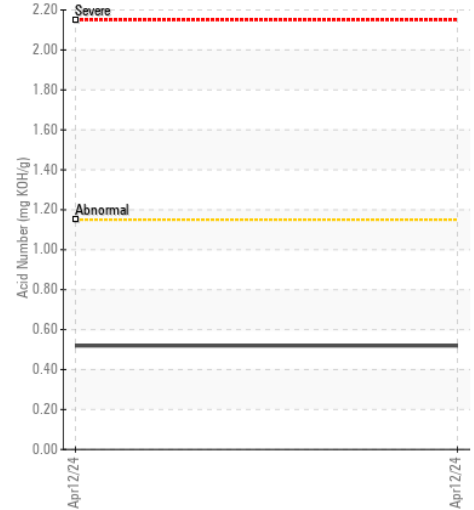
Viscosity @ 40°C



Viscosity @ 40°C



Acid Number



Certificate L2367

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

Sample No. : UAC06160462

Lab Number : 06160462

Unique Number : 10995885

Test Package : IND 2

Received : 25 Apr 2024

Tested : 26 Apr 2024

Diagnosed : 26 Apr 2024 - Sean Felton

ATLANTA AIR COMPRESSOR

123 MERCHANTS PARK DR

HOSCHTON, GA

US 30548

Contact: Derik Bray

Derik@atlantaaircompressor.com

T: (470)252-9952

F: x:

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)