



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Area
ACI-10K
Machine Id

Component
CHICAGO PNEUMATIC ITJ6393335 - HIGHWAY MOTORS IDEALEASE
Compressor

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

An increase in the aluminum level is noted. All other component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

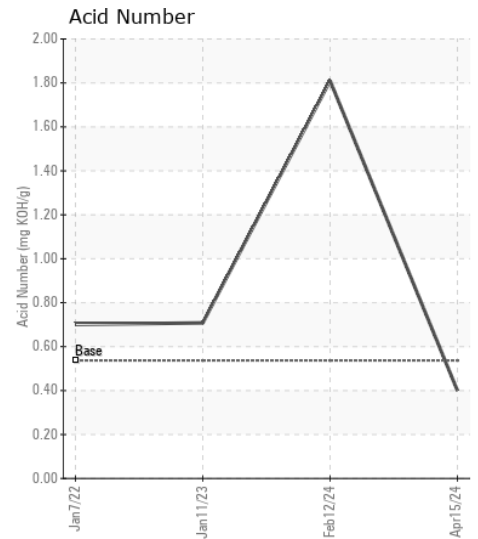
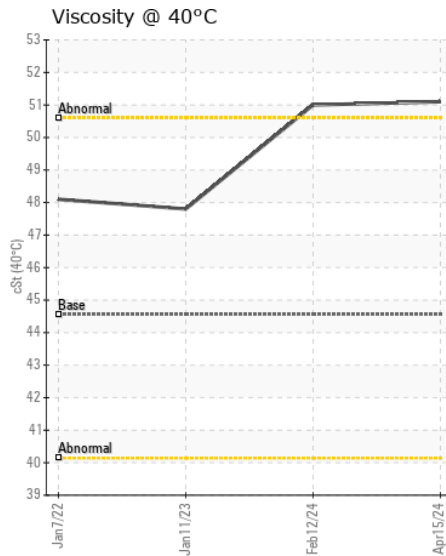
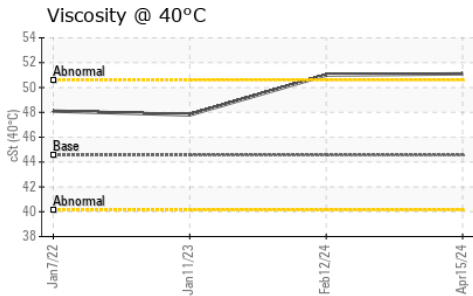
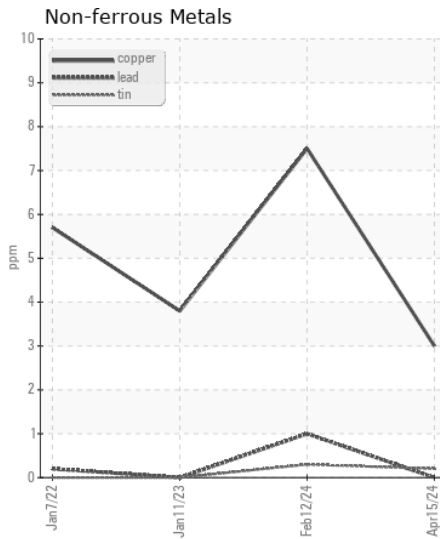
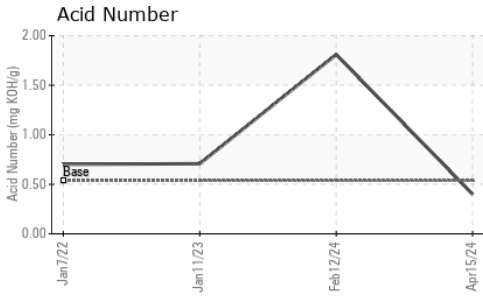
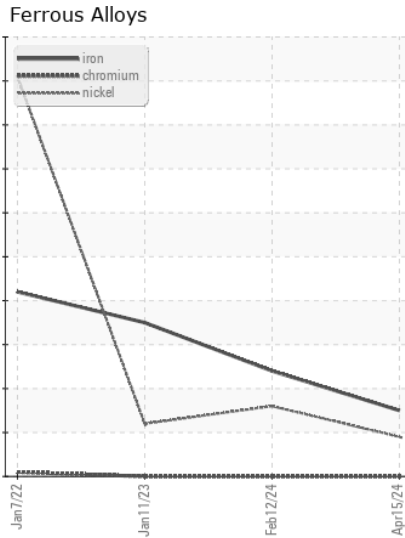
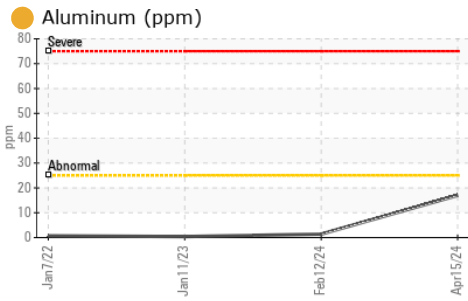
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UAC06150527	UAC06093090	UCH05739786
Sample Date		Client Info		15 Apr 2024	12 Feb 2024	11 Jan 2023
Machine Age	hrs	Client Info		8500	7903	5432
Oil Age	hrs	Client Info		0	5156	5432
Filter Age	hrs	Client Info		0	2471	5432
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Changed
Sample Status				ATTENTION	MARGINAL	NORMAL

Iron	ppm	ASTM D5185m	>50	2	2	4
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		<1	2	1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	17	1	<1
Lead	ppm	ASTM D5185m	>25	0	1	0
Copper	ppm	ASTM D5185m	>50	3	8	4
Tin	ppm	ASTM D5185m	>15	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	12	2	2
Potassium	ppm	ASTM D5185m	>20	3	4	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		8	9	4
Boron	ppm	ASTM D5185m	0.1	0	0	0
Barium	ppm	ASTM D5185m	0.8	<1	<1	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0.9	1	<1	<1
Magnesium	ppm	ASTM D5185m	0	9	44	12
Calcium	ppm	ASTM D5185m	0	53	403	535
Phosphorus	ppm	ASTM D5185m	409	132	368	372
Zinc	ppm	ASTM D5185m	0	170	864	419
Sulfur	ppm	ASTM D5185m	1290	2309	7861	8578
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	0.40	▲ 1.81	0.708
Visc @ 40°C	cSt	ASTM D445	44.56	51.1	51.0	47.8



Certificate L2367

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

Sample No. : UAC06150527

Lab Number : 06150527

Unique Number : 10980605

Test Package : IND 2

Received : 16 Apr 2024

Tested : 17 Apr 2024

Diagnosed : 18 Apr 2024 - Sean Felton

ATLANTIC COMPRESSORS

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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)