



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
MATTEI ASU 423 (S/N 10015228-2020)

Component
Compressor

Fluid
{not provided} (2 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

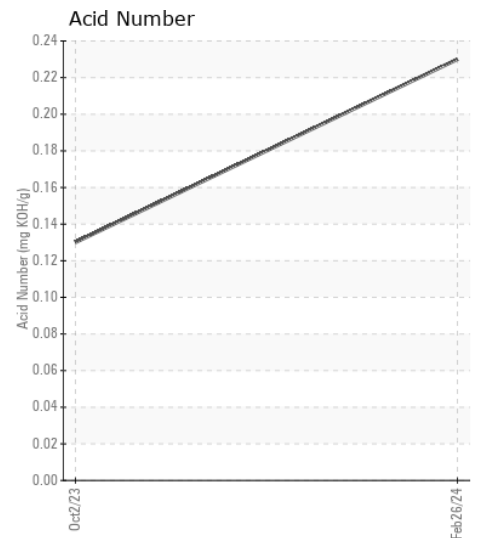
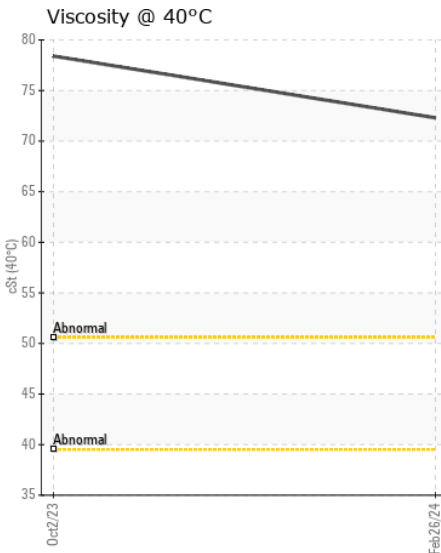
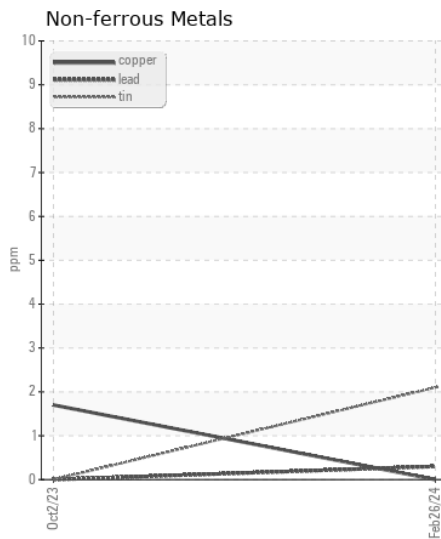
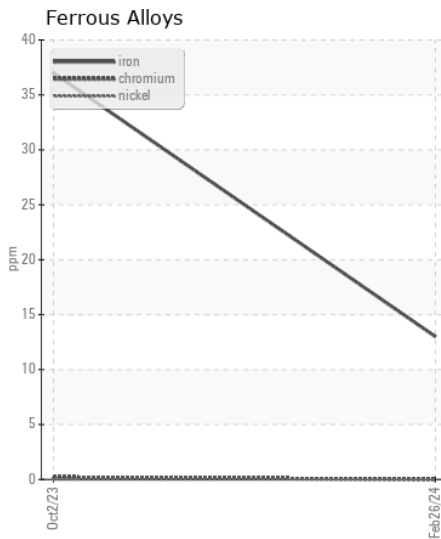
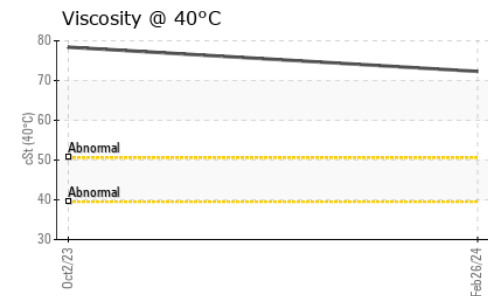
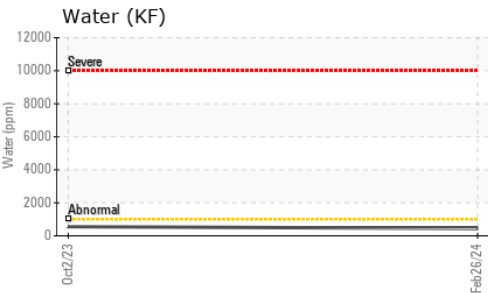
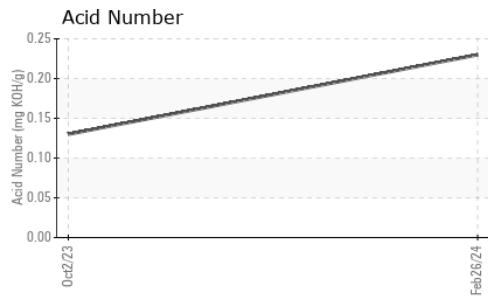
CONTAMINATION

The water content is negligible. 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		AN37719	AN25340	---
Sample Date		Client Info		26 Feb 2024	02 Oct 2023	---
Machine Age	hrs	Client Info		2208	1900	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185m	>50	13	37	---
Chromium	ppm	ASTM D5185m	>10	0	<1	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	<1	3	---
Lead	ppm	ASTM D5185m	>25	<1	0	---
Copper	ppm	ASTM D5185m	>50	0	2	---
Tin	ppm	ASTM D5185m	>15	2	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>25	23	▲ 58	---
Potassium	ppm	ASTM D5185m	>20	<1	2	---
Water	%	ASTM D6304	>0.1	0.044	0.055	---
ppm Water	ppm	ASTM D6304	>1000	441	557.5	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m		2	12	---
Boron	ppm	ASTM D5185m		3	0	---
Barium	ppm	ASTM D5185m		0	<1	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m		0	1	---
Calcium	ppm	ASTM D5185m		<1	2	---
Phosphorus	ppm	ASTM D5185m		1007	985	---
Zinc	ppm	ASTM D5185m		9	65	---
Sulfur	ppm	ASTM D5185m		122	166	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.23	0.13	---
Visc @ 40°C	cSt	ASTM D445		72.3	78.4	---



Certificate L2367

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

Sample No. : AN37719

Lab Number : 06103050

Unique Number : 10901280

Test Package : IND 2

Received : 28 Feb 2024

Tested : 01 Mar 2024

Diagnosed : 01 Mar 2024 - Jonathan Hester

MATTEI COMPRESSORS--OEM

9635 LIBERTY ROAD, SUITE E

RANDALLSTOWN, MD

US 21133

Contact: MARTY WARD

jward@matteicomp.com

T: (410)521-7020

F: (410)521-7024

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)