



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
MATTEI 10007570
 Component
Compressor
 Fluid
ROTOROIL 8000 (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

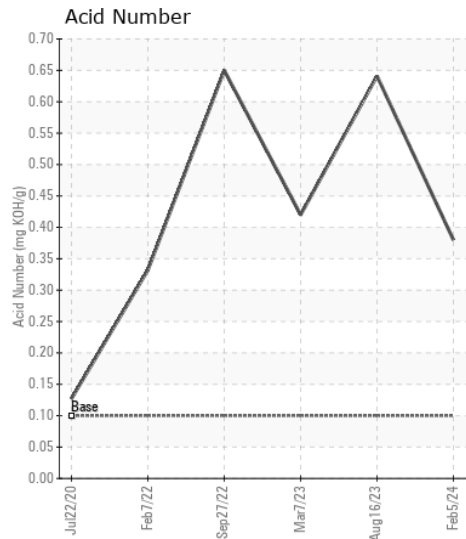
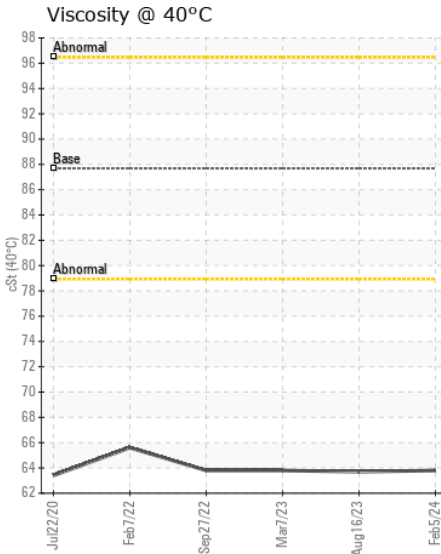
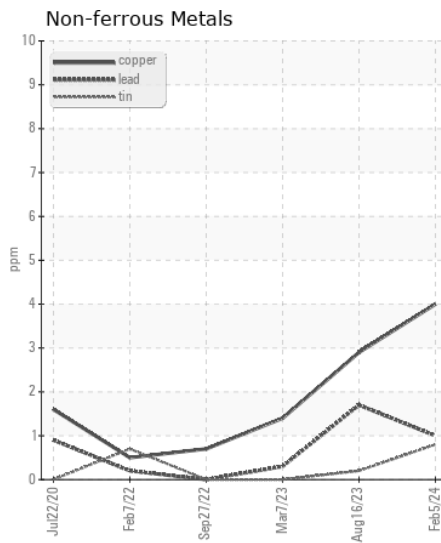
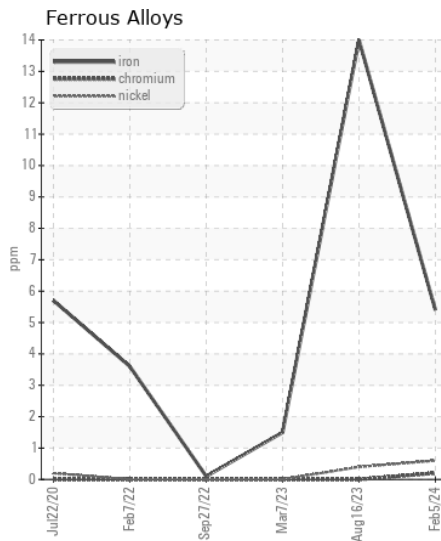
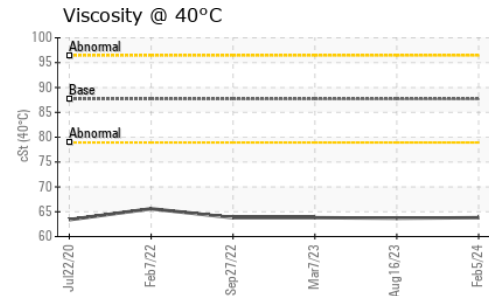
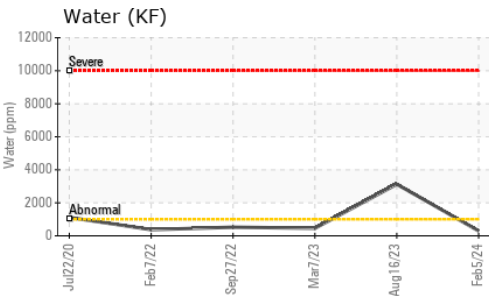
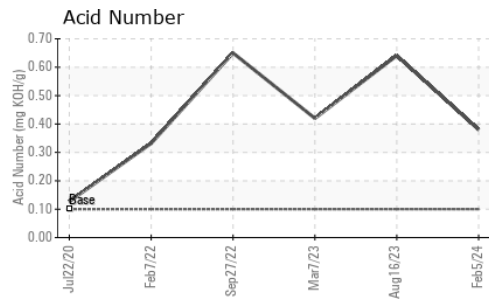
CONTAMINATION

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		AN25478	AN25357	AN37447
Sample Date		Client Info		05 Feb 2024	16 Aug 2023	07 Mar 2023
Machine Age	hrs	Client Info		9951	8783	7658
Oil Age	hrs	Client Info		2293	1125	2810
Filter Age	hrs	Client Info		2293	1125	2810
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	5	14	2
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	2	0	<1
Lead	ppm	ASTM D5185m	>25	1	2	<1
Copper	ppm	ASTM D5185m	>50	4	3	1
Tin	ppm	ASTM D5185m	>15	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	7	15	8
Potassium	ppm	ASTM D5185m	>20	1	2	<1
Water	%	ASTM D6304	>0.1	0.03	▲ 0.312	0.045
ppm Water	ppm	ASTM D6304	>1000	300	▲ 3126.7	456.9
Silt	scalar	*Visual	NONE	NONE	▲ MODER	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
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		19	16	9
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		13	1	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		<1	3	<1
Calcium	ppm	ASTM D5185m		4	11	1
Phosphorus	ppm	ASTM D5185m	884	1249	829	783
Zinc	ppm	ASTM D5185m		134	262	179
Sulfur	ppm	ASTM D5185m		0	21	33
Acid Number (AN)	mg KOH/g	ASTM D8045	0.1	0.38	0.641	0.42
Visc @ 40°C	cSt	ASTM D445	87.69	63.8	63.7	63.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : AN25478
Lab Number : 06086127
Unique Number : 10873572
Test Package : IND 2
Received : 12 Feb 2024
Tested : 14 Feb 2024
Diagnosed : 14 Feb 2024 - Jonathan Hester

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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)