



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
MATTEI 10013334-2020

Component
Compressor

Fluid
ROTOROIL 8000 (2 QTS)

RECOMMENDATION

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

CONTAMINATION

Elemental level of silicon (Si) above normal. The water content is negligible.

FLUID CONDITION

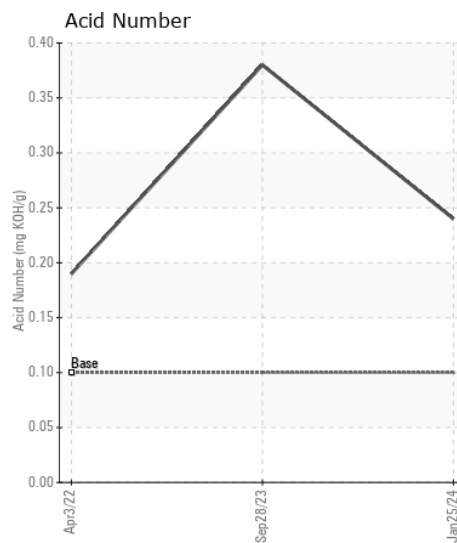
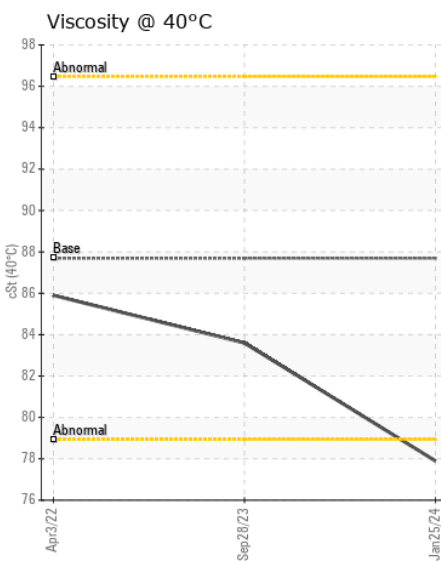
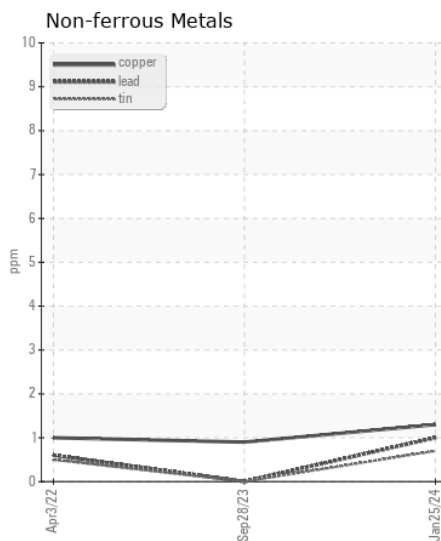
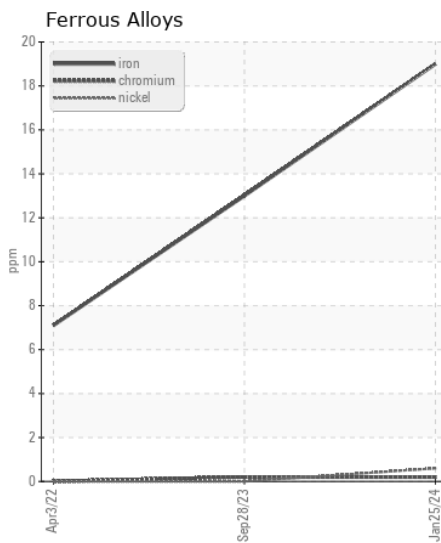
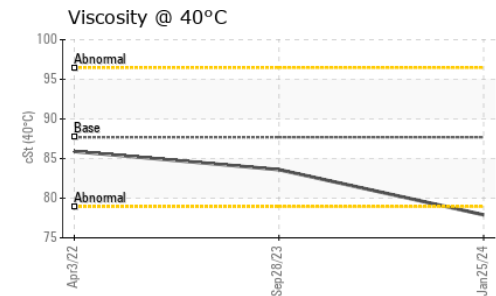
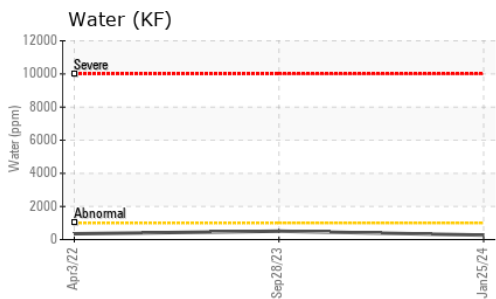
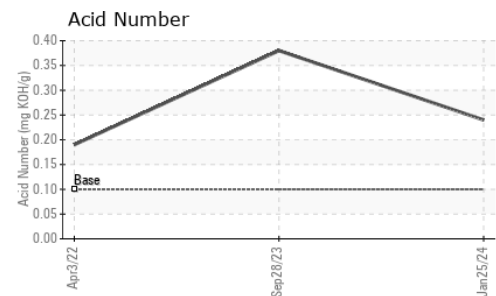
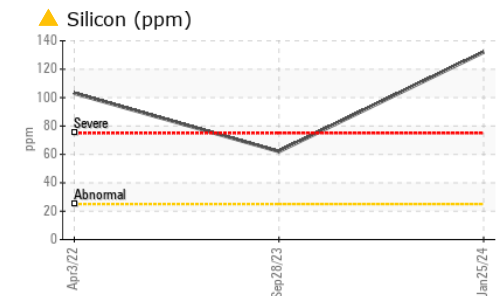
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		AN06086131	AN25348	AN38730
Sample Date		Client Info		25 Jan 2024	28 Sep 2023	03 Apr 2022
Machine Age	hrs	Client Info		3192	2934	790
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>50	19	13	7
Chromium	ppm	ASTM D5185m	>10	<1	<1	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	2	2	2
Lead	ppm	ASTM D5185m	>25	1	0	<1
Copper	ppm	ASTM D5185m	>50	1	<1	1
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	▲ 132	▲ 62	▲ 103
Potassium	ppm	ASTM D5185m	>20	2	2	<1
Water	%	ASTM D6304	>0.1	0.026	0.050	0.035
ppm Water	ppm	ASTM D6304	>1000	269	507.6	351.2
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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		13	2	4
Boron	ppm	ASTM D5185m		0	0	<1
Barium	ppm	ASTM D5185m		13	<1	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		0	2	0
Phosphorus	ppm	ASTM D5185m	884	978	919	907
Zinc	ppm	ASTM D5185m		6	17	136
Sulfur	ppm	ASTM D5185m		197	287	224
Acid Number (AN)	mg KOH/g	ASTM D8045	0.1	0.24	0.38	0.19
Visc @ 40°C	cSt	ASTM D445	87.69	77.9	83.6	85.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : AN06086131
Lab Number : 06086131
Unique Number : 10873576
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)