



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
DIVISION LAUNDRY
Machine Id
MATTEI 10018858
Component
Compressor
Fluid
V-LIFE XTREME (--- GAL)

RECOMMENDATION

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

WEAR

The iron level is abnormal.

CONTAMINATION

There is a light concentration of water present in the oil. There is a moderate amount of visible silt present in the sample.

FLUID CONDITION

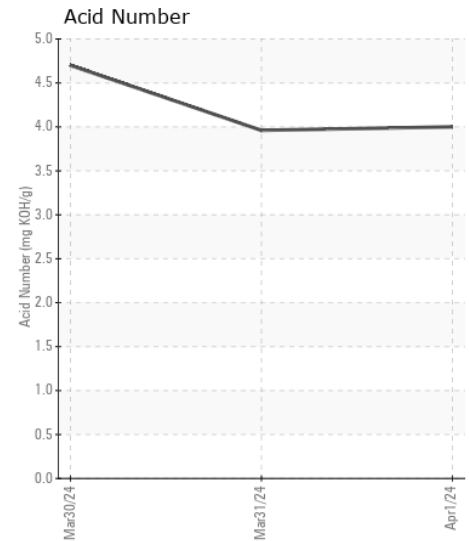
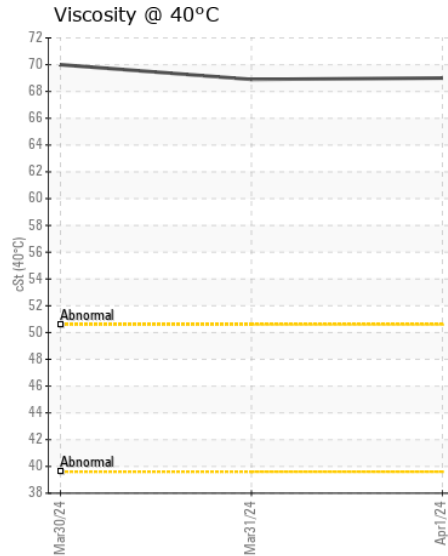
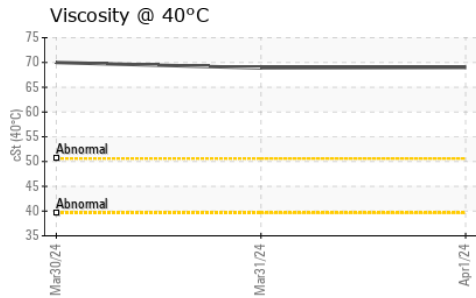
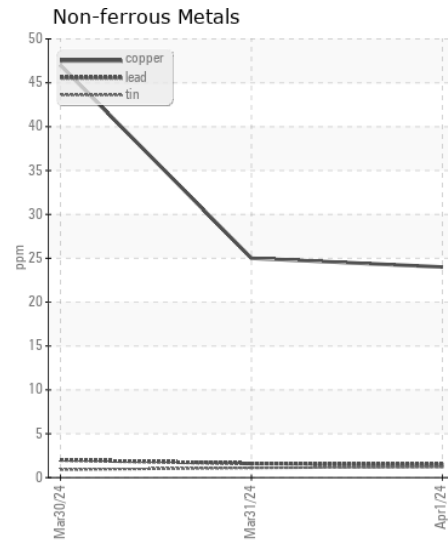
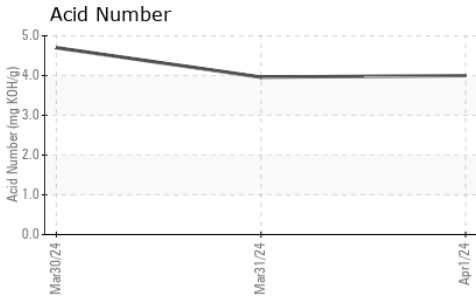
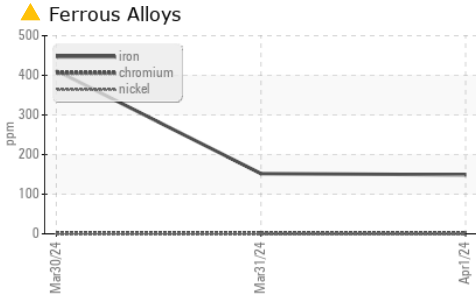
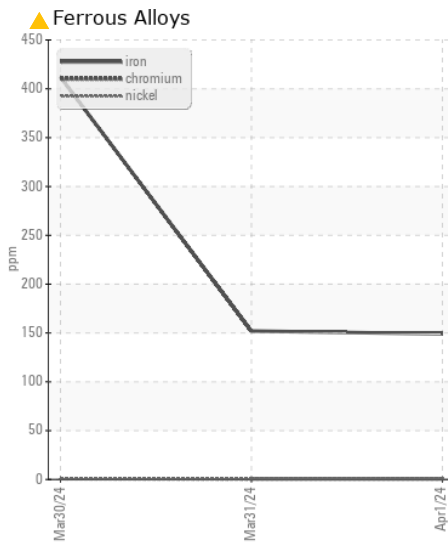
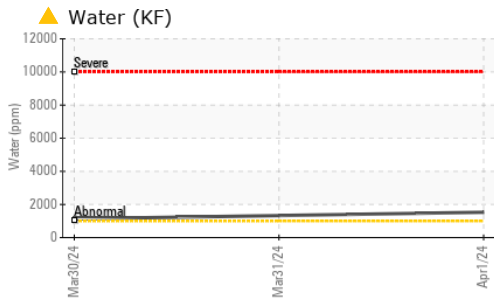
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		AN37619	AN06145947	AN06145948
Sample Date		Client Info		01 Apr 2024	31 Mar 2024	30 Mar 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		500	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	SEVERE

Iron	ppm	ASTM D5185m	>50	▲ 149	▲ 152	▲ 412
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m		1	1	1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		<1	<1	<1
Aluminum	ppm	ASTM D5185m	>25	7	6	10
Lead	ppm	ASTM D5185m	>25	2	2	2
Copper	ppm	ASTM D5185m	>50	24	25	▲ 47
Tin	ppm	ASTM D5185m	>15	1	1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	16	3	2
Potassium	ppm	ASTM D5185m	>20	1	1	1
Water	%	ASTM D6304	>0.1	▲ 0.153	▲ 0.133	▲ 0.113
ppm Water	ppm	ASTM D6304	>1000	▲ 1530	▲ 1330	▲ 1130
Silt	scalar	*Visual	NONE	▲ MODER	▲ MODER	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	0.2%	0.2%	0.2%

Sodium	ppm	ASTM D5185m		<1	0	0
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		<1	<1	<1
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		1	1	1
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		5	5	5
Phosphorus	ppm	ASTM D5185m		24	24	24
Zinc	ppm	ASTM D5185m		56	58	135
Sulfur	ppm	ASTM D5185m		754	359	300
Acid Number (AN)	mg KOH/g	ASTM D8045		4.00	3.96	▲ 4.70
Visc @ 40°C	cSt	ASTM D445		69.0	68.9	70.0



Certificate L2367

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

Sample No. : AN37619

Lab Number : 06145946

Unique Number : 10976024

Test Package : IND 2

Received : 11 Apr 2024

Tested : 16 Apr 2024

Diagnosed : 16 Apr 2024 - Jonathan Hester

MATTEI COMPRESSORS--OEM

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US 21133

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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)