



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
MATTEI 10012728-2020

Component
Compressor

Fluid
ROTOROIL 8000 (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

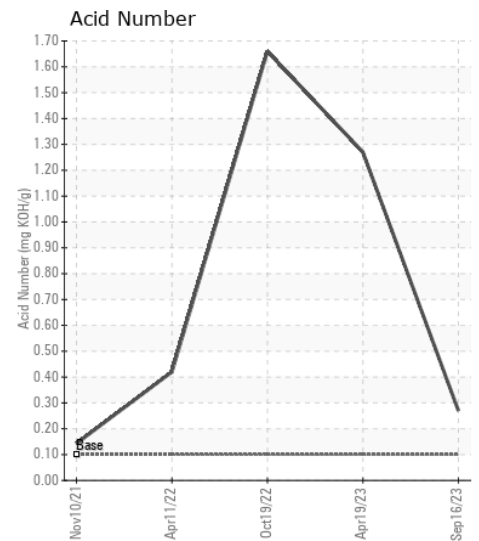
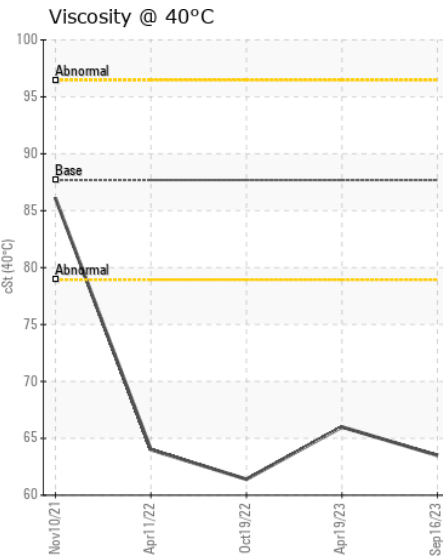
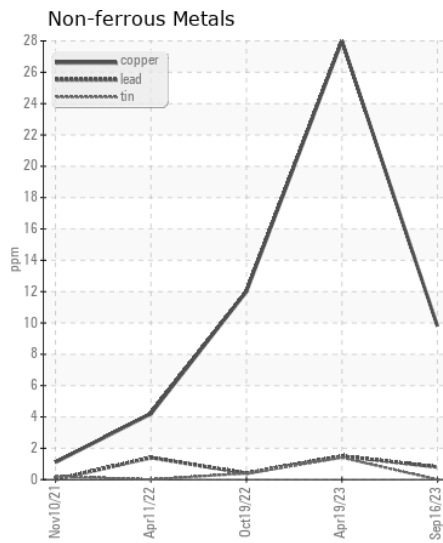
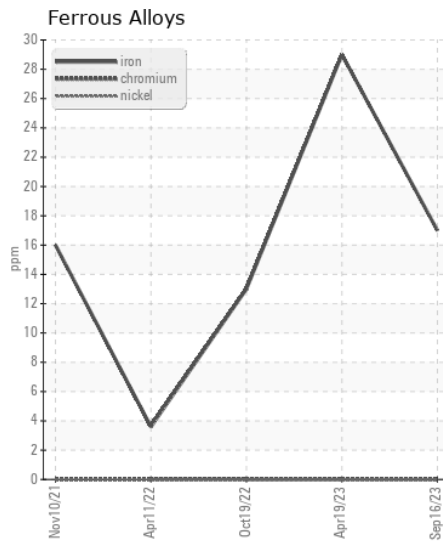
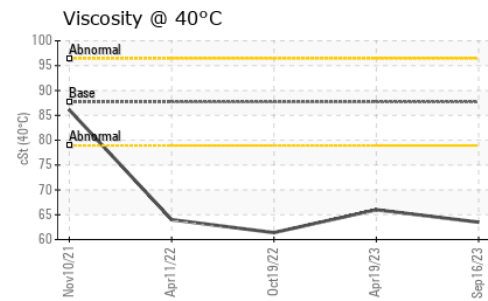
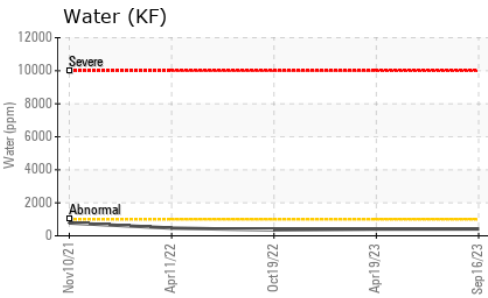
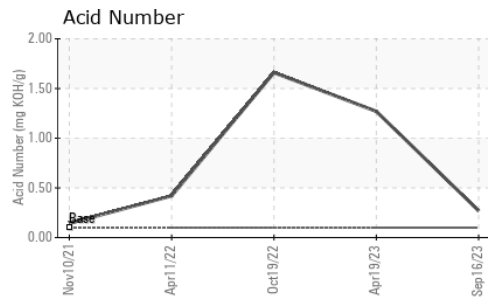
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		AN25327	AN37466	AN38839
Sample Date		Client Info		16 Sep 2023	19 Apr 2023	19 Oct 2022
Machine Age	hrs	Client Info		18199	6686	11194
Oil Age	hrs	Client Info		2775	8738	4508
Filter Age	hrs	Client Info		2775	8738	4508
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>50	17	29	13
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	5	23	5
Lead	ppm	ASTM D5185m	>25	<1	2	<1
Copper	ppm	ASTM D5185m	>50	10	28	12
Tin	ppm	ASTM D5185m	>15	0	1	<1
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	25	▲ 41
Potassium	ppm	ASTM D5185m	>20	0	2	<1
Water	%	ASTM D6304	>0.1	0.041	0.040	0.035
ppm Water	ppm	ASTM D6304	>1000	415.2	407.7	356.9
Silt	scalar	*Visual	NONE	LIGHT	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		12	8	8
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		0	2	<1
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	884	760	721	576
Zinc	ppm	ASTM D5185m		64	352	239
Sulfur	ppm	ASTM D5185m		196	27	42
Acid Number (AN)	mg KOH/g	ASTM D8045	0.1	0.27	1.27	▲ 1.66
Visc @ 40°C	cSt	ASTM D445	87.69	63.5	66.0	61.4



Certificate L2367

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

Sample No. : AN25327

Lab Number : 05973051

Unique Number : 10685001

Test Package : IND 2

Received : 09 Oct 2023

Tested : 11 Oct 2023

Diagnosed : 11 Oct 2023 - Jonathan Hester

MATTEI COMPRESSORS--OEM

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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)