



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**MATTEI RKN6KA-2012 - GAYLONS PAINT SHOP**

Component  
**Compressor**  
Fluid  
**ROTOROIL 8000 (1 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

**WEAR**

All component wear rates are normal.

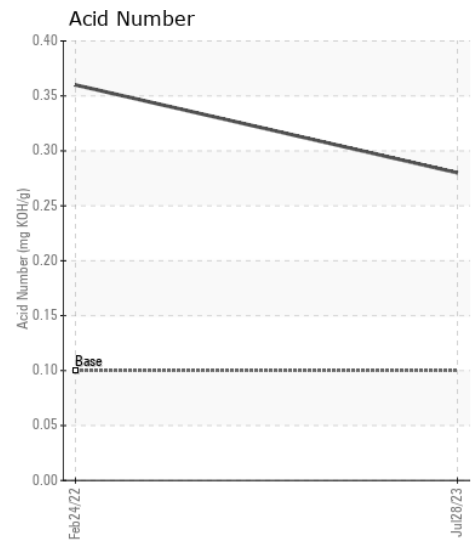
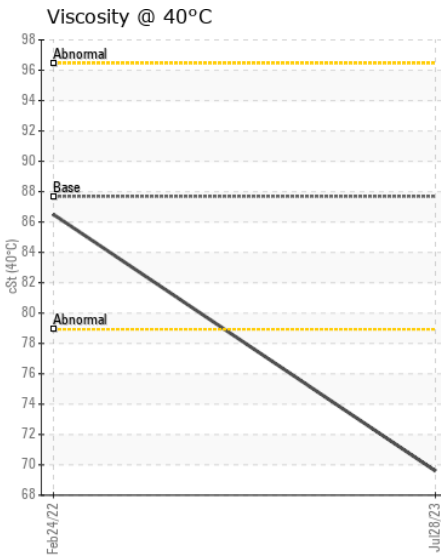
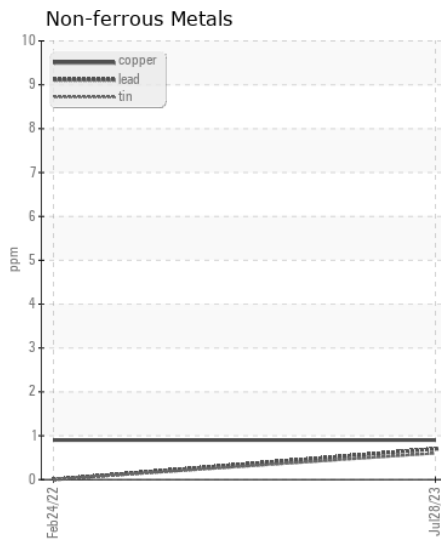
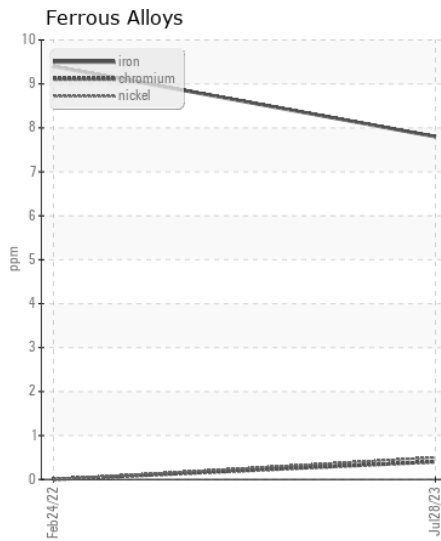
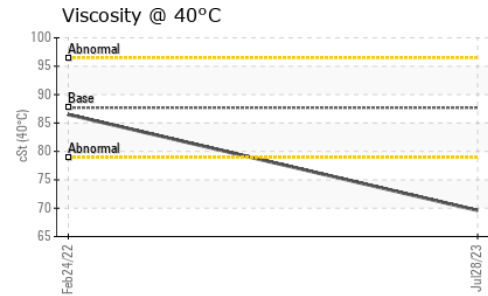
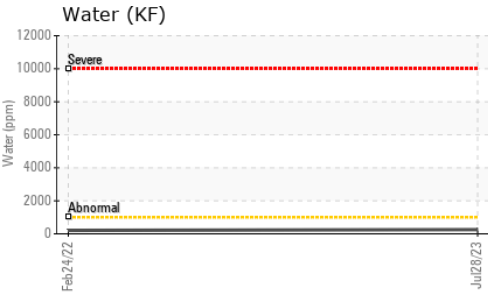
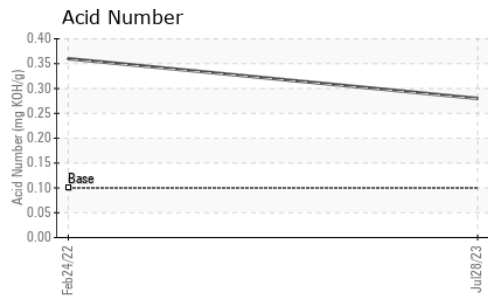
**CONTAMINATION**

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		<b>AN38952</b>	AN23862	---
Sample Date		Client Info		<b>28 Jul 2023</b>	24 Feb 2022	---
Machine Age	hrs	Client Info		<b>6397</b>	5256	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---
Iron	ppm	ASTM D5185m	>50	<b>8</b>	9	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>2</b>	1	---
Silver	ppm	ASTM D5185m		<b>1</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>1</b>	<1	---
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>25	<b>16</b>	14	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	---
Water	%	ASTM D6304	>0.1	<b>0.025</b>	0.020	---
ppm Water	ppm	ASTM D6304	>1000	<b>258</b>	209.5	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>2</b>	1	---
Boron	ppm	ASTM D5185m		<b>0</b>	0	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185m		<b>1</b>	6	---
Calcium	ppm	ASTM D5185m		<b>0</b>	9	---
Phosphorus	ppm	ASTM D5185m	884	<b>912</b>	898	---
Zinc	ppm	ASTM D5185m		<b>3</b>	24	---
Sulfur	ppm	ASTM D5185m		<b>0</b>	179	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.1	<b>0.28</b>	0.36	---
Visc @ 40°C	cSt	ASTM D445	87.69	<b>69.6</b>	86.5	---



Certificate L2367

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

**Sample No.** : AN38952

**Lab Number** : 06194062

**Unique Number** : 11056185

**Test Package** : IND 2

**Received** : 29 May 2024

**Tested** : 31 May 2024

**Diagnosed** : 31 May 2024 - 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)