



OIL ANALYSIS REPORT

| | |
|-----------------|--------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
MATTEI 10021582-2021

Component
Compressor

Fluid
ROTOROIL 8000 (5 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

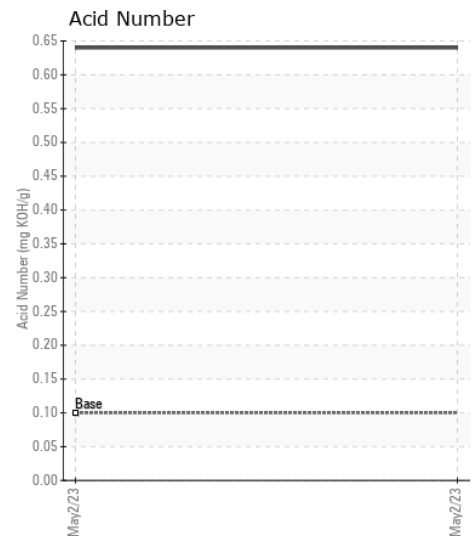
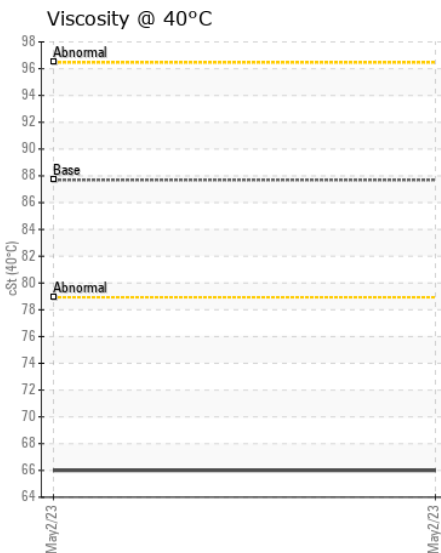
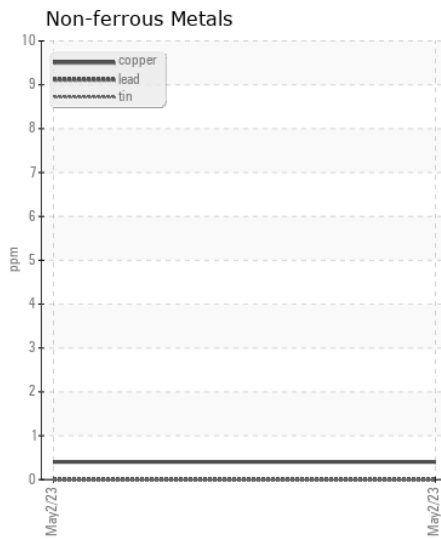
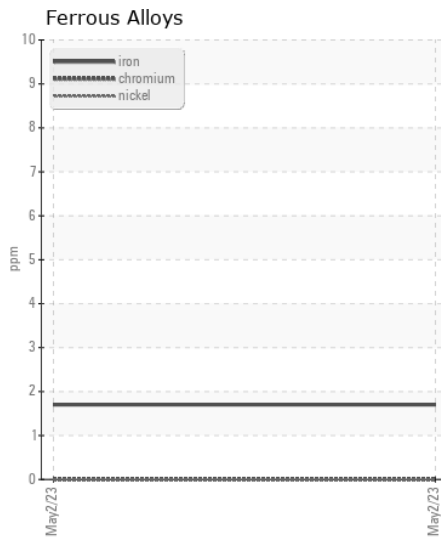
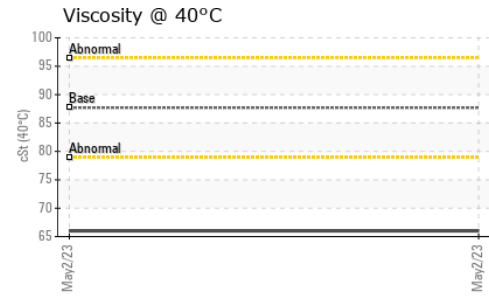
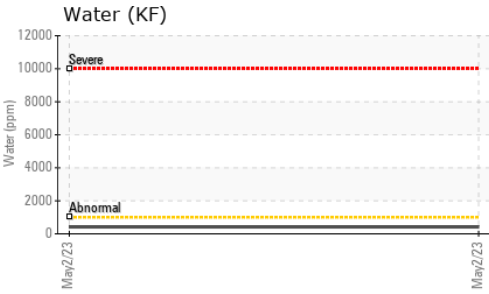
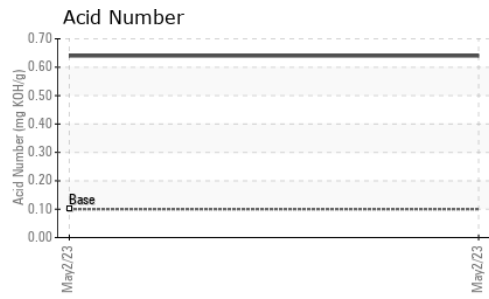
CONTAMINATION

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 | | AN25262 | --- | --- |
| Sample Date | | Client Info | | 02 May 2023 | --- | --- |
| Machine Age | hrs | Client Info | | 3405 | --- | --- |
| Oil Age | hrs | Client Info | | 1524 | --- | --- |
| Filter Age | hrs | Client Info | | 1524 | --- | --- |
| Oil Changed | | Client Info | | Not Changd | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |
| Iron | ppm | ASTM D5185m | >50 | 2 | --- | --- |
| Chromium | ppm | ASTM D5185m | >10 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | | 0 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | --- | --- |
| Lead | ppm | ASTM D5185m | >25 | 0 | --- | --- |
| Copper | ppm | ASTM D5185m | >50 | <1 | --- | --- |
| Tin | ppm | ASTM D5185m | >15 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185m | >25 | 2 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | <1 | --- | --- |
| Water | % | ASTM D6304 | >0.1 | 0.042 | --- | --- |
| ppm Water | ppm | ASTM D6304 | >1000 | 421.3 | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |
| Sodium | ppm | ASTM D5185m | | 7 | --- | --- |
| Boron | ppm | ASTM D5185m | | 0 | --- | --- |
| Barium | ppm | ASTM D5185m | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 0 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 0 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 884 | 837 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 0 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 39 | --- | --- |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.1 | 0.64 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | 87.69 | 66.0 | --- | --- |



Certificate L2367

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

Sample No. : AN25262

Lab Number : 05880248

Unique Number : 10525351

Test Package : IND 2

Received : 21 Jun 2023

Tested : 27 Jun 2023

Diagnosed : 27 Jun 2023 - Jonathan Hester

MATTEI COMPRESSORS--OEM

9635 LIBERTY ROAD, SUITE E

RANDALLSTOWN, MD

US 21133

Contact: MARTY WARD

jward@matteicomp.com

T: (410)521-7020

F: (410)521-7024

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)