



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

Machine Id  
**1FF350GXTMF815040**

Component  
**Hydraulic System**

Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

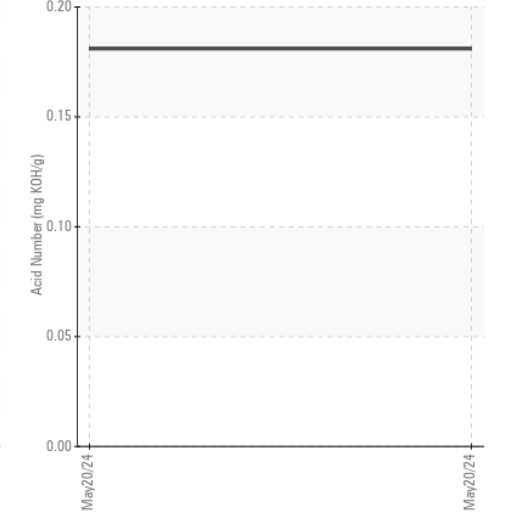
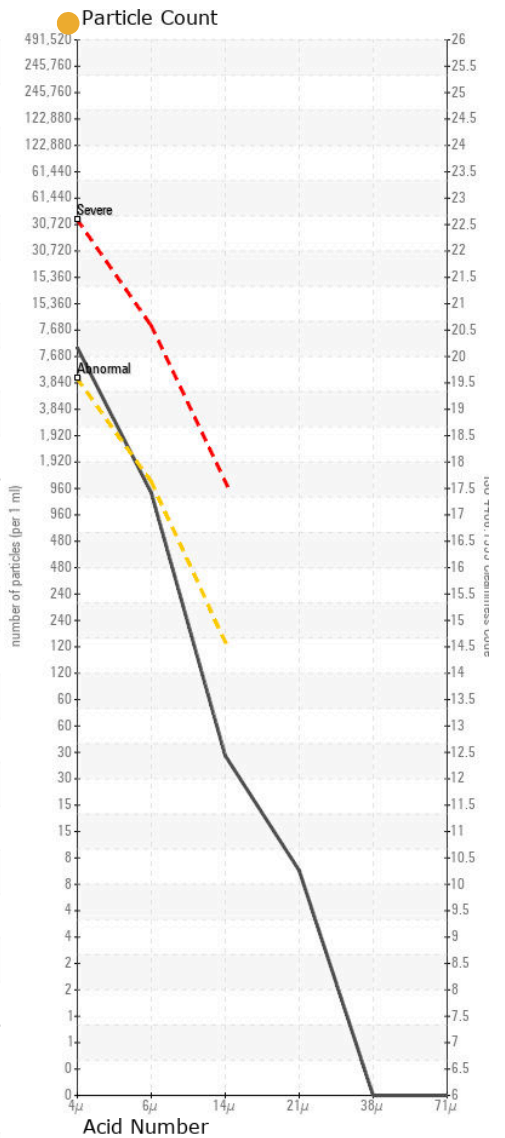
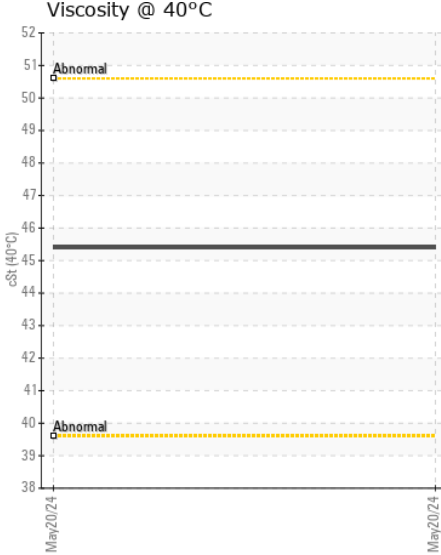
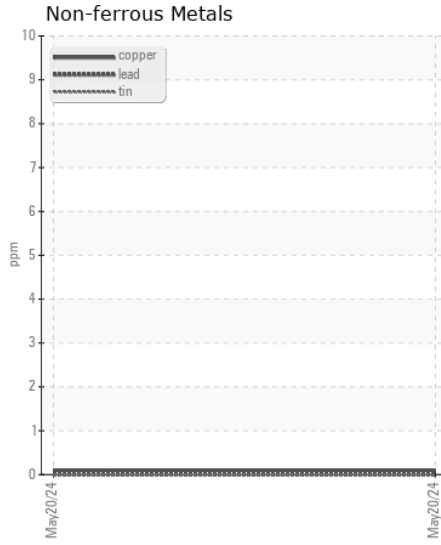
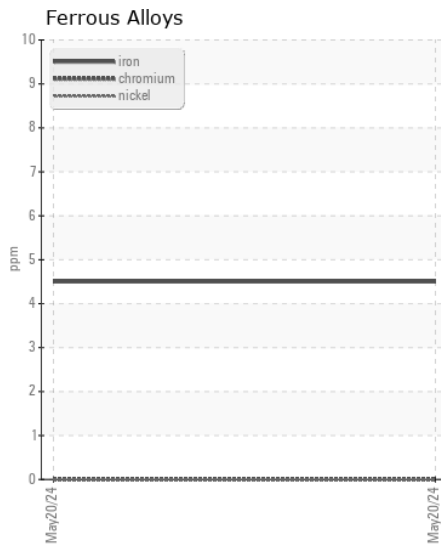
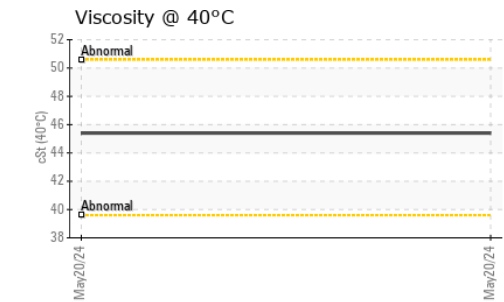
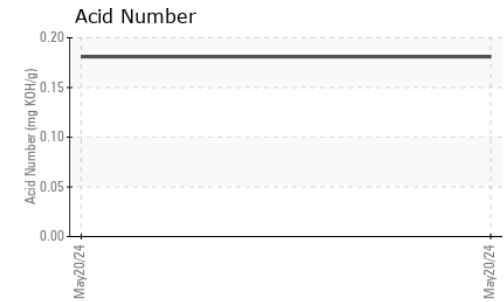
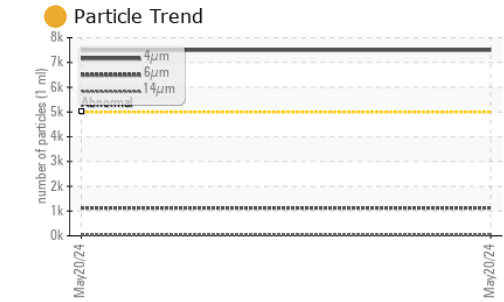
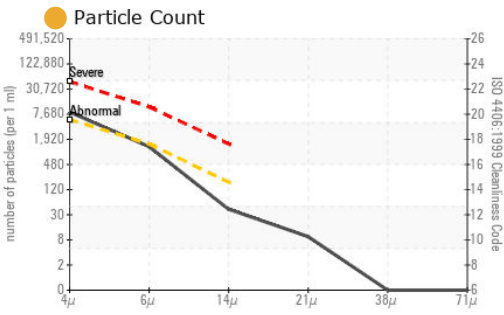
### CONTAMINATION

There is a light amount of silt (particulates < 14 microns in size) present 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  |           | JR0214959   | ---      | ---      |
| Sample Date      |          | Client Info  |           | 20 May 2024 | ---      | ---      |
| Machine Age      | hrs      | Client Info  |           | 4382        | ---      | ---      |
| Oil Age          | hrs      | Client Info  |           | 4382        | ---      | ---      |
| Filter Age       | hrs      | Client Info  |           | 0           | ---      | ---      |
| Oil Changed      |          | Client Info  |           | Not Chngd   | ---      | ---      |
| Filter Changed   |          | Client Info  |           | Not Chngd   | ---      | ---      |
| Sample Status    |          |              |           | ATTENTION   | ---      | ---      |
| PQ               |          | ASTM D8184   |           | 8           | ---      | ---      |
| Iron             | ppm      | ASTM D5185m  | >20       | 4           | ---      | ---      |
| Chromium         | ppm      | ASTM D5185m  | >10       | 0           | ---      | ---      |
| Nickel           | ppm      | ASTM D5185m  | >10       | 0           | ---      | ---      |
| Titanium         | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Silver           | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Aluminum         | ppm      | ASTM D5185m  | >10       | <1          | ---      | ---      |
| Lead             | ppm      | ASTM D5185m  | >10       | 0           | ---      | ---      |
| Copper           | ppm      | ASTM D5185m  | >75       | <1          | ---      | ---      |
| Tin              | ppm      | ASTM D5185m  | >10       | 0           | ---      | ---      |
| Vanadium         | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| White Metal      | scalar   | *Visual      | NONE      | NONE        | ---      | ---      |
| Yellow Metal     | scalar   | *Visual      | NONE      | NONE        | ---      | ---      |
| Silicon          | ppm      | ASTM D5185m  | >20       | 2           | ---      | ---      |
| Potassium        | ppm      | ASTM D5185m  | >20       | 0           | ---      | ---      |
| Water            |          | WC Method    | >0.1      | NEG         | ---      | ---      |
| Particles >4µm   |          | ASTM D7647   | >5000     | 7499        | ---      | ---      |
| Particles >6µm   |          | ASTM D7647   | >1300     | 1124        | ---      | ---      |
| Particles >14µm  |          | ASTM D7647   | >160      | 36          | ---      | ---      |
| Particles >21µm  |          | ASTM D7647   | >40       | 8           | ---      | ---      |
| Particles >38µm  |          | ASTM D7647   | >10       | 0           | ---      | ---      |
| Particles >71µm  |          | ASTM D7647   | >3        | 0           | ---      | ---      |
| Oil Cleanliness  |          | ISO 4406 (c) | >19/17/14 | 20/17/12    | ---      | ---      |
| 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  |           | <1          | ---      | ---      |
| Boron            | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Barium           | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Molybdenum       | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Manganese        | ppm      | ASTM D5185m  |           | <1          | ---      | ---      |
| Magnesium        | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Calcium          | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Phosphorus       | ppm      | ASTM D5185m  |           | 494         | ---      | ---      |
| Zinc             | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Sulfur           | ppm      | ASTM D5185m  |           | 0           | ---      | ---      |
| Acid Number (AN) | mg KOH/g | ASTM D8045   |           | 0.181       | ---      | ---      |
| Visc @ 40°C      | cSt      | ASTM D445    |           | 45.4        | ---      | ---      |



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0214959 **Received** : 22 May 2024  
**Lab Number** : 06187546 **Tested** : 23 May 2024  
**Unique Number** : 11044298 **Diagnosed** : 23 May 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

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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)