



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

Machine Id  
**NOT GIVEN JR0206498 (S/N NO INFO ON SIF/BOTTLE)**

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

### RECOMMENDATION

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.

| Test           | UOM | Method      | Limit/Abn | Current            | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number  |     | Client Info |           | <b>JR0206498</b>   | ---      | ---      |
| Sample Date    |     | Client Info |           | <b>27 Feb 2024</b> | ---      | ---      |
| Machine Age    | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Oil Age        | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Filter Age     | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Oil Changed    |     | Client Info |           | <b>N/A</b>         | ---      | ---      |
| Filter Changed |     | Client Info |           | <b>N/A</b>         | ---      | ---      |
| Sample Status  |     |             |           | <b>NORMAL</b>      | ---      | ---      |

### WEAR

All component wear rates are normal.

|              |        |             |      |              |     |     |
|--------------|--------|-------------|------|--------------|-----|-----|
| PQ           |        | ASTM D8184  |      | <b>105</b>   | --- | --- |
| Iron         | ppm    | ASTM D5185m |      | <b>44</b>    | --- | --- |
| Chromium     | ppm    | ASTM D5185m |      | <b>&lt;1</b> | --- | --- |
| Nickel       | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| Titanium     | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| Silver       | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| Aluminum     | ppm    | ASTM D5185m |      | <b>&lt;1</b> | --- | --- |
| Lead         | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| Copper       | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| Tin          | ppm    | ASTM D5185m |      | <b>&lt;1</b> | --- | --- |
| Vanadium     | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| White Metal  | scalar | *Visual     | NONE | <b>NONE</b>  | --- | --- |
| Yellow Metal | scalar | *Visual     | NONE | <b>NONE</b>  | --- | --- |

### CONTAMINATION

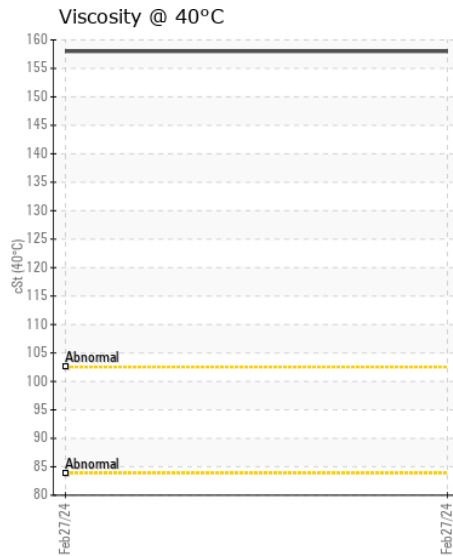
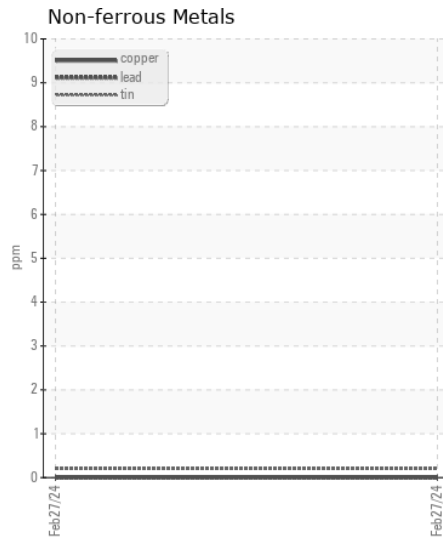
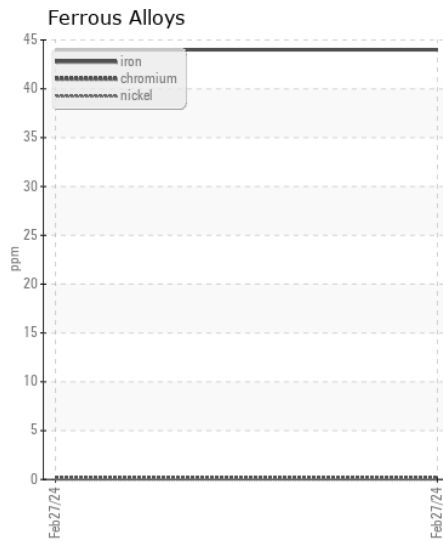
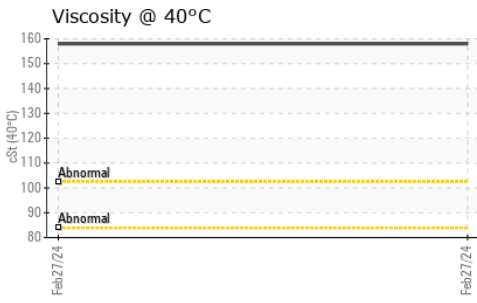
There is no indication of any contamination in the sample.

|                  |        |             |       |              |     |     |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon          | ppm    | ASTM D5185m |       | <b>3</b>     | --- | --- |
| Potassium        | ppm    | ASTM D5185m | >20   | <b>11</b>    | --- | --- |
| Water            |        | WC Method   |       | <b>NEG</b>   | --- | --- |
| Silt             | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Debris           | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Sand/Dirt        | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Appearance       | scalar | *Visual     | NORML | <b>NORML</b> | --- | --- |
| Odor             | scalar | *Visual     | NORML | <b>NORML</b> | --- | --- |
| Emulsified Water | scalar | *Visual     |       | <b>NEG</b>   | --- | --- |

### FLUID CONDITION

The condition of the sample is acceptable for the time in service.

|             |     |             |  |              |     |     |
|-------------|-----|-------------|--|--------------|-----|-----|
| Sodium      | ppm | ASTM D5185m |  | <b>7</b>     | --- | --- |
| Boron       | ppm | ASTM D5185m |  | <b>2</b>     | --- | --- |
| Barium      | ppm | ASTM D5185m |  | <b>71</b>    | --- | --- |
| Molybdenum  | ppm | ASTM D5185m |  | <b>0</b>     | --- | --- |
| Manganese   | ppm | ASTM D5185m |  | <b>2</b>     | --- | --- |
| Magnesium   | ppm | ASTM D5185m |  | <b>2</b>     | --- | --- |
| Calcium     | ppm | ASTM D5185m |  | <b>18</b>    | --- | --- |
| Phosphorus  | ppm | ASTM D5185m |  | <b>271</b>   | --- | --- |
| Zinc        | ppm | ASTM D5185m |  | <b>0</b>     | --- | --- |
| Sulfur      | ppm | ASTM D5185m |  | <b>16461</b> | --- | --- |
| Visc @ 40°C | cSt | ASTM D445   |  | <b>158</b>   | --- | --- |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206498 **Received** : 28 Feb 2024  
**Lab Number** : 06103232 **Tested** : 01 Mar 2024  
**Unique Number** : 10901462 **Diagnosed** : 01 Mar 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - CHARLOTTE**  
 9550 STATESVILLE ROAD  
 CHARLOTTE, NC  
 US 28269

Contact: CHARLOTTE SHOP  
 myoung@jamesriverequipment.com

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)

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