



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

Machine Id
JOHN DEERE 750K 1T0750KXCHF316440

Component
Right Inner Final Drive

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0198873 | JR0190939 | JR0181693 |
| Sample Date | | Client Info | | 08 Jan 2024 | 05 Dec 2023 | 22 Aug 2023 |
| Machine Age | hrs | Client Info | | 5141 | 5141 | 4630 |
| Oil Age | hrs | Client Info | | 1000 | 3417 | 3997 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | Changed | Not Changd |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|------|------|
| PQ | | ASTM D8184 | >1250 | 36 | 161 | 19 |
| Iron | ppm | ASTM D5185m | >750 | 62 | 71 | 25 |
| Chromium | ppm | ASTM D5185m | >9 | 0 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >40 | <1 | <1 | 4 |
| Lead | ppm | ASTM D5185m | >15 | <1 | 0 | 0 |
| Copper | ppm | ASTM D5185m | >40 | 2 | 3 | 7 |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

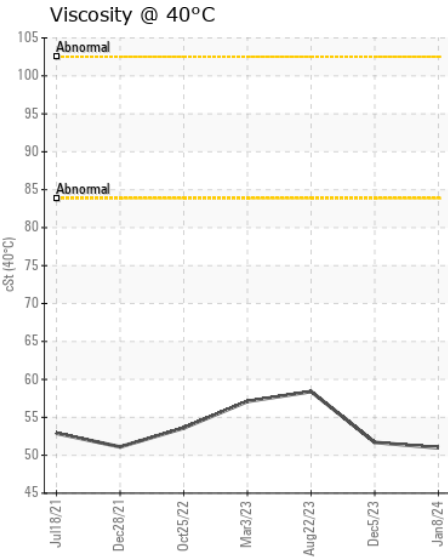
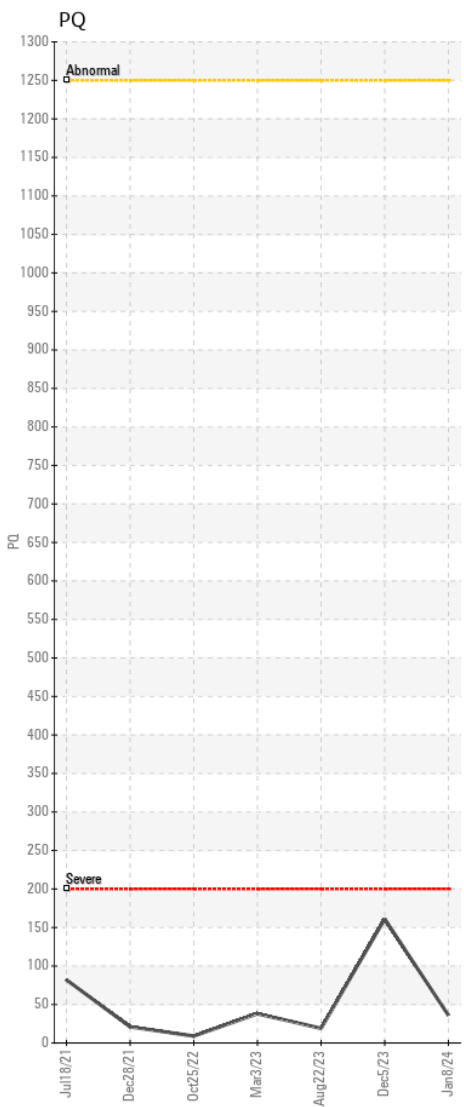
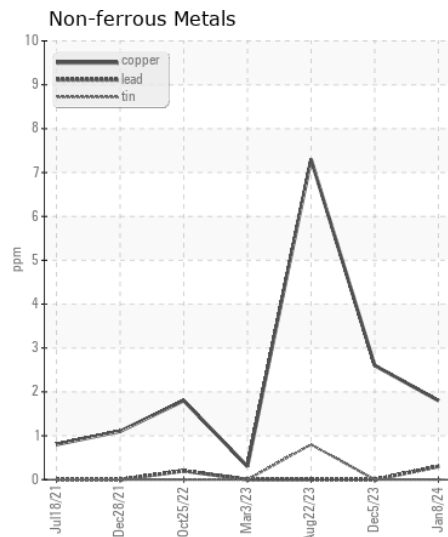
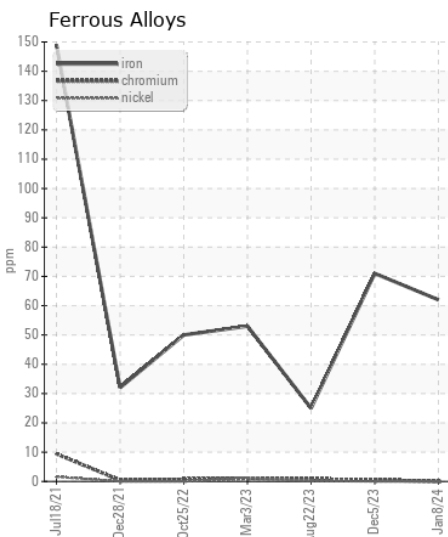
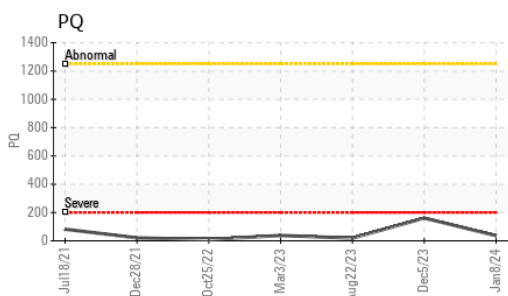
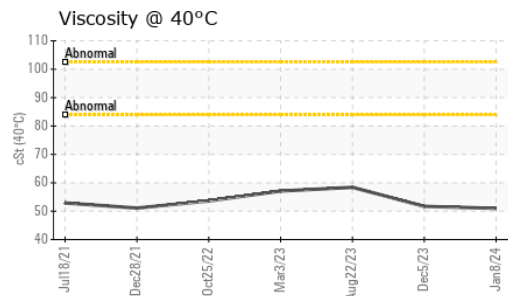
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 5 | 4 | 9 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 0 | 0 |
| Water | | WC Method | >0.075 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | 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 | >0.075 | NEG | NEG | NEG |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|-----|--------------|------|------|
| Sodium | ppm | ASTM D5185m | >51 | 1 | 5 | 0 |
| Boron | ppm | ASTM D5185m | | 0 | <1 | <1 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | | <1 | 2 | 2 |
| Magnesium | ppm | ASTM D5185m | | 78 | 81 | 105 |
| Calcium | ppm | ASTM D5185m | | 2666 | 3112 | 3645 |
| Phosphorus | ppm | ASTM D5185m | | 916 | 1038 | 1032 |
| Zinc | ppm | ASTM D5185m | | 1084 | 1094 | 1300 |
| Sulfur | ppm | ASTM D5185m | | 3108 | 4025 | 4561 |
| Visc @ 40°C | cSt | ASTM D445 | | 50.98 | 51.7 | 58.4 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198873 **Received** : 10 Jan 2024
Lab Number : 06056908 **Diagnosed** : 12 Jan 2024
Unique Number : 10822857 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
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 US 27529
 Contact: RALEIGH SHOP
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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)