



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

Machine Id
JOHN DEERE 950K 1T0950KXJKF344883
 Component
Left Outer Final Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0122163 | JRMC401538 | JR0034772 |
| Sample Date | | Client Info | | 30 Jan 2024 | 07 Jan 2021 | 02 Feb 2020 |
| Machine Age | hrs | Client Info | | 4859 | 2203 | 975 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | N/A | N/A |
| Filter Changed | | Client Info | | Not Changd | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|-------|------|
| PQ | | ASTM D8184 | >1250 | 29 | 32 | 57 |
| Iron | ppm | ASTM D5185m | >750 | 53 | 26 | 35 |
| Chromium | ppm | ASTM D5185m | >9 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | <1 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >40 | 3 | 1 | <1 |
| Lead | ppm | ASTM D5185m | >15 | 0 | <1 | <1 |
| Copper | ppm | ASTM D5185m | >40 | <1 | <1 | <1 |
| Tin | ppm | ASTM D5185m | >10 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | MODER | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

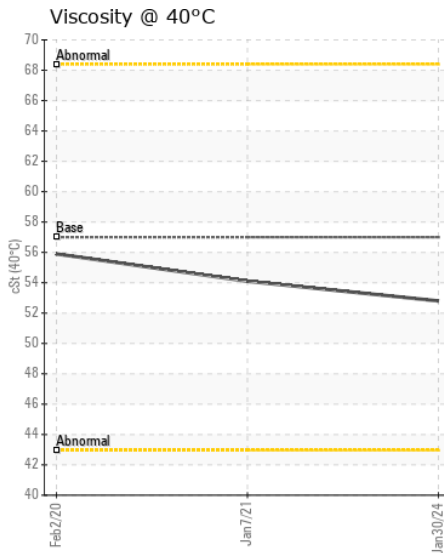
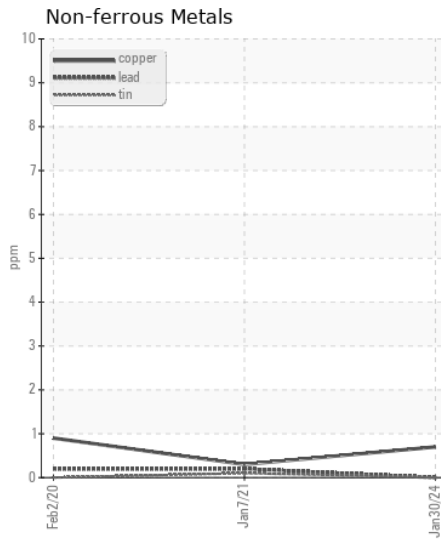
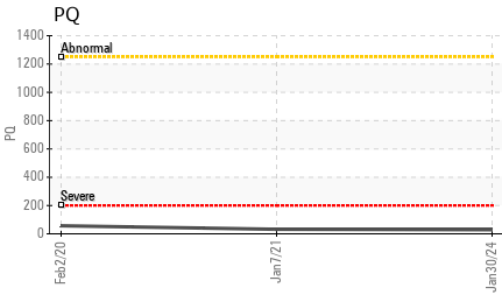
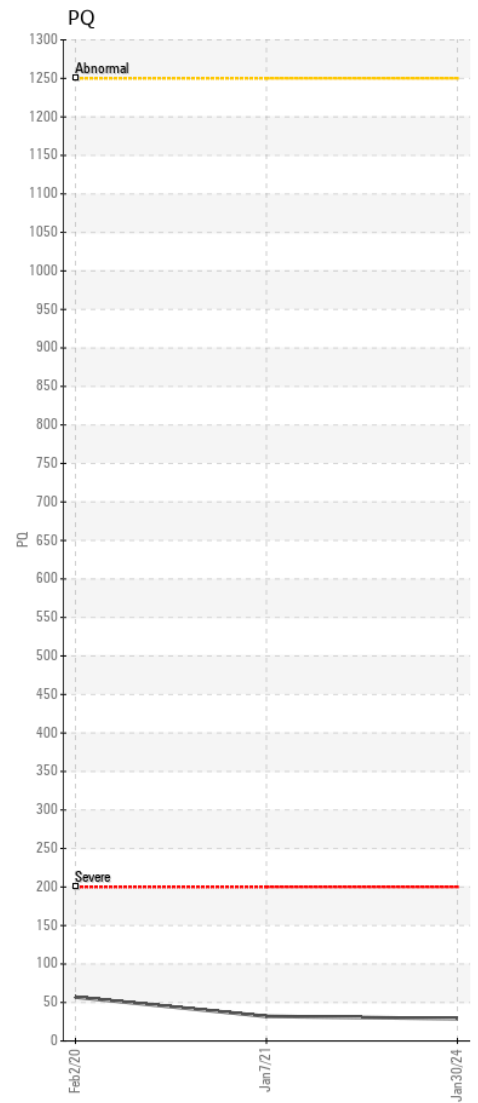
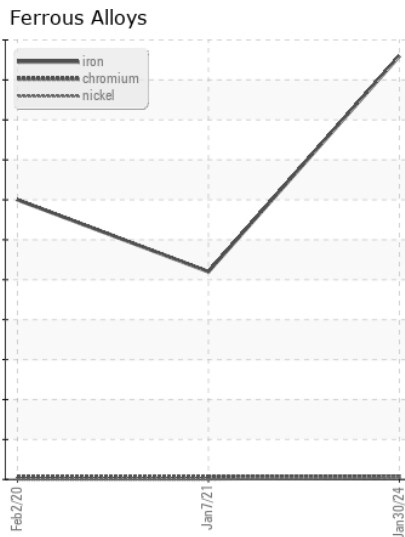
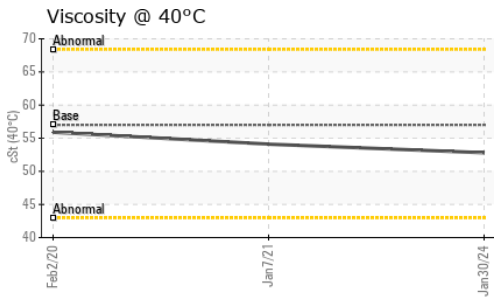
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 13 | 12 | 4 |
| Potassium | ppm | ASTM D5185m | >20 | 4 | 4 | 13 |
| 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 oil viscosity is lower than normal. Confirm oil type.

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | >51 | 0 | 3 | 2 |
| Boron | ppm | ASTM D5185m | 6 | 41 | 55 | 2 |
| Barium | ppm | ASTM D5185m | 0 | <1 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 32 | 42 | <1 |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 145 | 184 | 240 | 98 |
| Calcium | ppm | ASTM D5185m | 3570 | 3158 | 3230 | 3408 |
| Phosphorus | ppm | ASTM D5185m | 1290 | 959 | 1022 | 916 |
| Zinc | ppm | ASTM D5185m | 1640 | 1226 | 1209 | 1111 |
| Sulfur | ppm | ASTM D5185m | | 3612 | 3276 | 2995 |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 52.8 | 54.1 | 55.9 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0122163 **Received** : 01 Feb 2024
Lab Number : 06077175 **Diagnosed** : 03 Feb 2024
Unique Number : 10859266 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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