



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



Machine Id
JOHN DEERE 750K 1T0750KXHJF328759
Component
Right Inner Final Drive
Fluid
TDTO FLUID SAE 20 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0198655 | JR0109723 | JR0072590 |
| Sample Date | | Client Info | | 04 Jan 2024 | 03 Dec 2021 | 18 Jan 2021 |
| Machine Age | hrs | Client Info | | 4003 | 1996 | 1088 |
| Oil Age | hrs | Client Info | | 1000 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Changed | Changed | Changed |
| Filter Changed | | Client Info | | N/A | N/A | Not Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|------|------|
| PQ | | ASTM D8184 | >1250 | 43 | 27 | 55 |
| Iron | ppm | ASTM D5185m | >750 | 94 | 91 | 96 |
| Chromium | ppm | ASTM D5185m | >9 | <1 | 1 | <1 |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Aluminum | ppm | ASTM D5185m | >40 | 3 | 5 | <1 |
| Lead | ppm | ASTM D5185m | >15 | 11 | <1 | 6 |
| Copper | ppm | ASTM D5185m | >40 | <1 | <1 | 2 |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | | 0 | <1 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

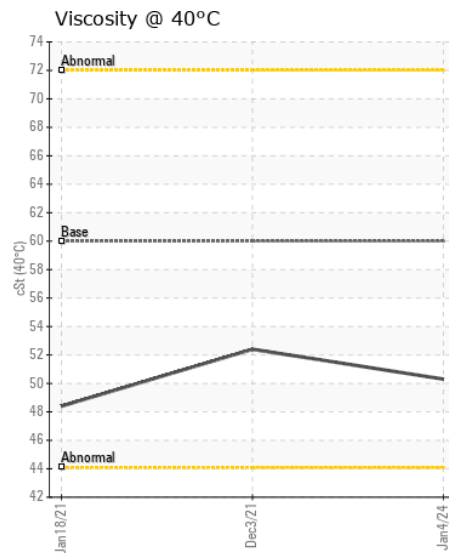
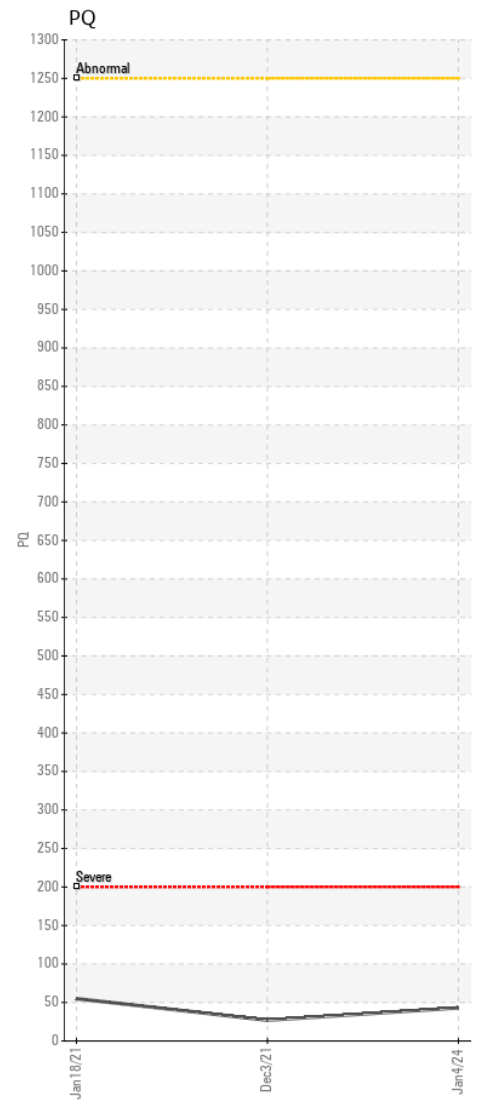
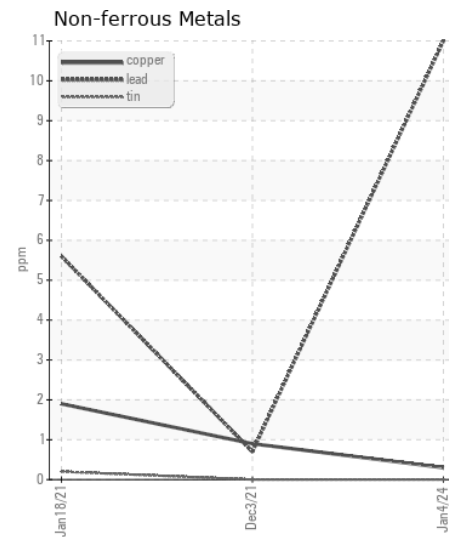
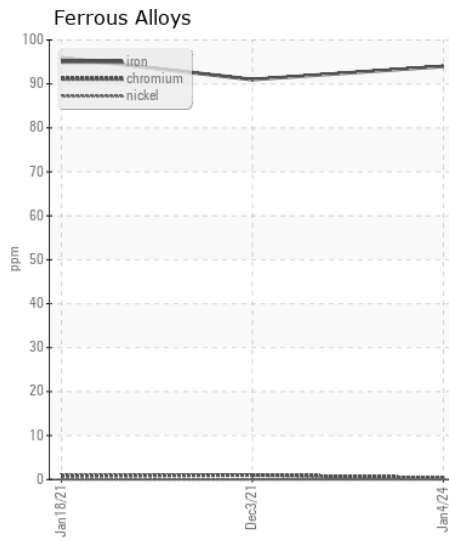
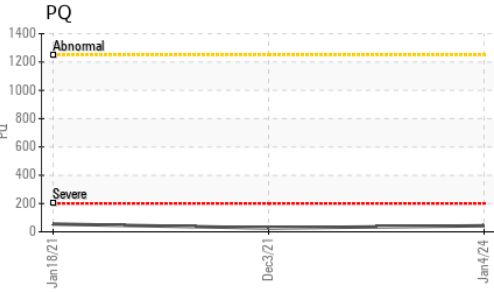
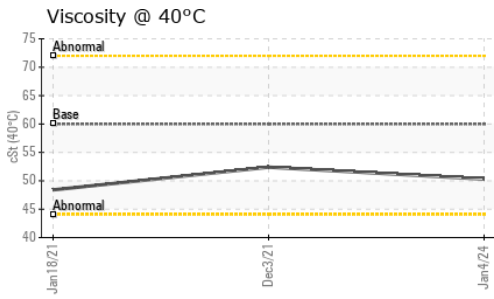
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 9 | 15 | 2 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 2 | 2 |
| Water | | WC Method | >0.075 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | VLITE | 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 | 2 | 0 | 4 |
| Boron | ppm | ASTM D5185m | 37 | 3 | 6 | 3 |
| Barium | ppm | ASTM D5185m | 7 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 5 | 0 | <1 | <1 |
| Manganese | ppm | ASTM D5185m | | <1 | 1 | 1 |
| Magnesium | ppm | ASTM D5185m | 40 | 97 | 45 | 97 |
| Calcium | ppm | ASTM D5185m | 2650 | 3263 | 3621 | 3588 |
| Phosphorus | ppm | ASTM D5185m | 1050 | 1020 | 1033 | 1086 |
| Zinc | ppm | ASTM D5185m | 1075 | 1156 | 1125 | 1281 |
| Sulfur | ppm | ASTM D5185m | 5750 | 3756 | 3917 | 3278 |
| Visc @ 40°C | cSt | ASTM D445 | 60 | 50.3 | 52.4 | 48.4 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198655 **Received** : 08 Jan 2024
Lab Number : 06054191 **Diagnosed** : 09 Jan 2024
Unique Number : 10820140 **Diagnostician** : Sean Felton
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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