



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



Machine Id
JOHN DEERE 755K 1T0755KXTPF438589
Component
Right 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 | | JR0199194 | JR0190370 | --- |
| Sample Date | | Client Info | | 10 Jan 2024 | 18 Oct 2023 | --- |
| Machine Age | hrs | Client Info | | 987 | 488 | --- |
| Oil Age | hrs | Client Info | | 987 | 488 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | Changed | N/A | --- |
| Filter Changed | | Client Info | | N/A | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|-------|-----|
| PQ | | ASTM D8184 | >1250 | 62 | 41 | --- |
| Iron | ppm | ASTM D5185m | >750 | 39 | 30 | --- |
| Chromium | ppm | ASTM D5185m | >9 | <1 | <1 | --- |
| Nickel | ppm | ASTM D5185m | >10 | <1 | <1 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >40 | 2 | 2 | --- |
| Lead | ppm | ASTM D5185m | >15 | <1 | <1 | --- |
| Copper | ppm | ASTM D5185m | >40 | 1 | <1 | --- |
| Tin | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | MODER | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

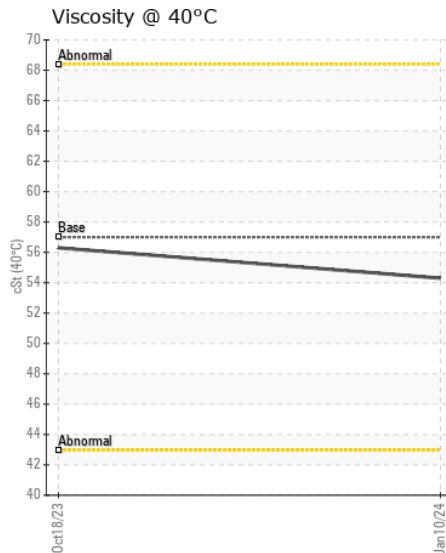
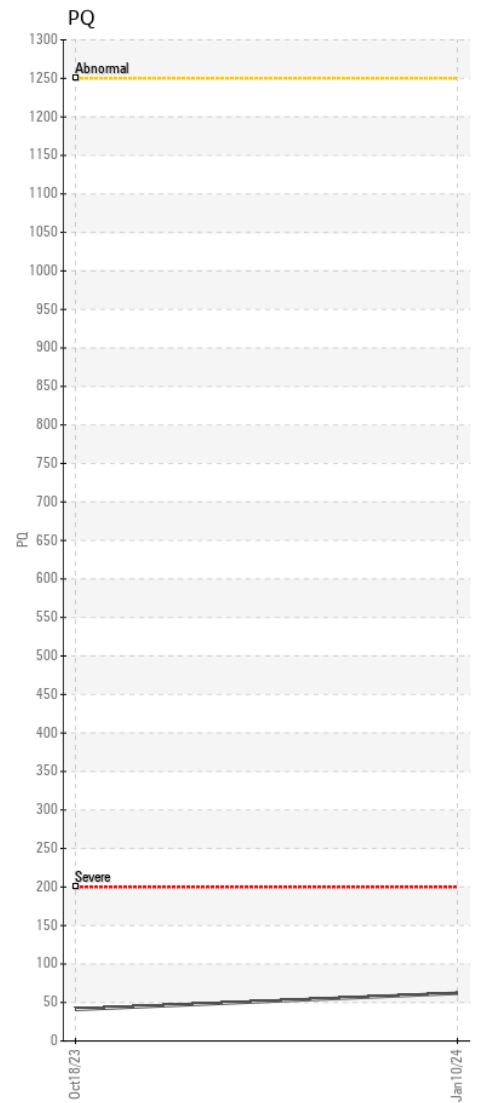
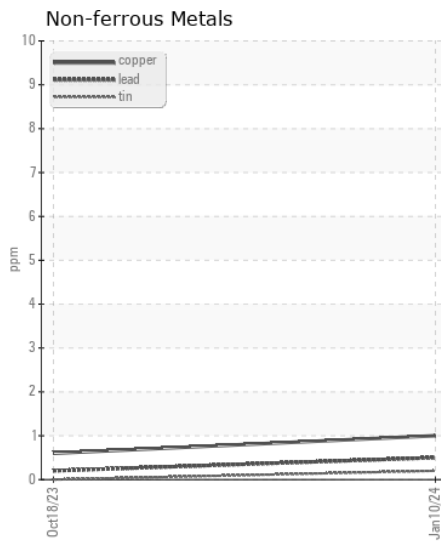
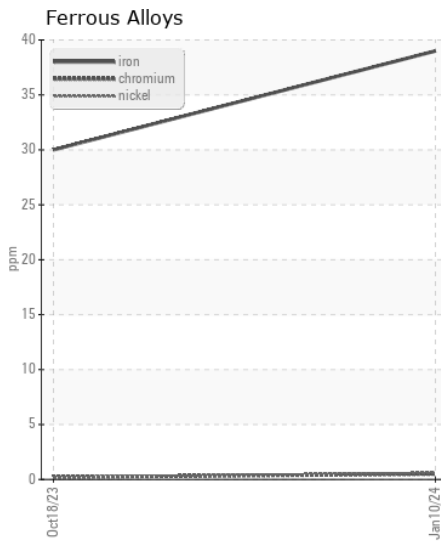
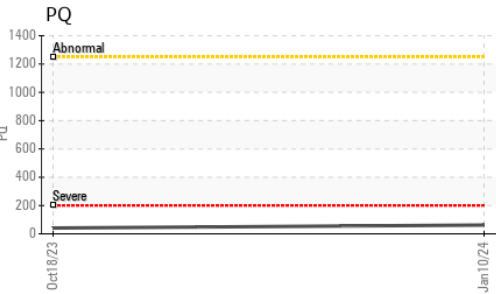
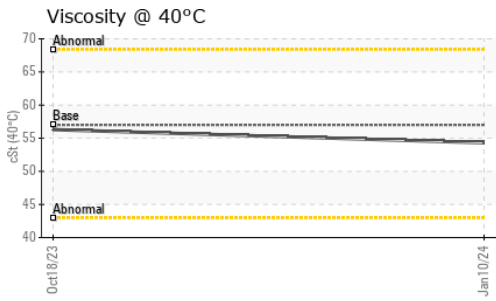
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-----|
| Silicon | ppm | ASTM D5185m | >75 | 11 | 10 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 2 | --- |
| Water | | WC Method | >0.075 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.075 | NEG | NEG | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|-----|
| Sodium | ppm | ASTM D5185m | >51 | 0 | 0 | --- |
| Boron | ppm | ASTM D5185m | 6 | 0 | 0 | --- |
| Barium | ppm | ASTM D5185m | 0 | 6 | 2 | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | <1 | <1 | --- |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | --- |
| Magnesium | ppm | ASTM D5185m | 145 | 111 | 106 | --- |
| Calcium | ppm | ASTM D5185m | 3570 | 3785 | 3724 | --- |
| Phosphorus | ppm | ASTM D5185m | 1290 | 1058 | 1151 | --- |
| Zinc | ppm | ASTM D5185m | 1640 | 1304 | 1294 | --- |
| Sulfur | ppm | ASTM D5185m | | 3863 | 4703 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 54.3 | 56.3 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0199194 **Recieved** : 11 Jan 2024
Lab Number : 06058889 **Diagnosed** : 12 Jan 2024
Unique Number : 10830271 **Diagnostician** : Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK
 9107 OWENS DRIVE
 MANASSAS PARK, VA
 US 20111
 Contact: DON VEST
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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)