



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



Machine Id
JOHN DEERE 770GP 1DW770GPCJF692203
Component
Right Chain Case
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 | | JR0199678 | --- | --- |
| Sample Date | | Client Info | | 18 Mar 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 2302 | --- | --- |
| Oil Age | hrs | Client Info | | 2302 | --- | --- |
| Filter Age | hrs | Client Info | | 2302 | --- | --- |
| Oil Changed | | Client Info | | Not Changed | --- | --- |
| Filter Changed | | Client Info | | Not Changed | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|-----|-----|
| PQ | | ASTM D8184 | | 23 | --- | --- |
| Iron | ppm | ASTM D5185m | >632 | 53 | --- | --- |
| Chromium | ppm | ASTM D5185m | >3 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185m | >3 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | <1 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >19 | 2 | --- | --- |
| Lead | ppm | ASTM D5185m | >6 | 0 | --- | --- |
| Copper | ppm | ASTM D5185m | >46 | 6 | --- | --- |
| Tin | ppm | ASTM D5185m | >3 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

CONTAMINATION

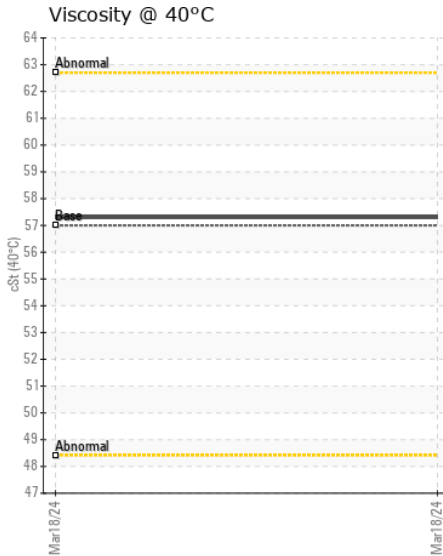
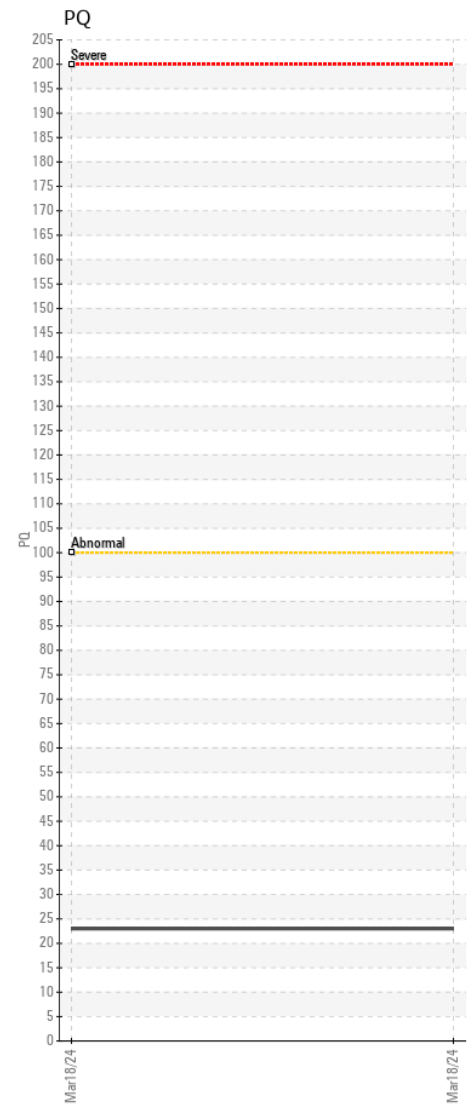
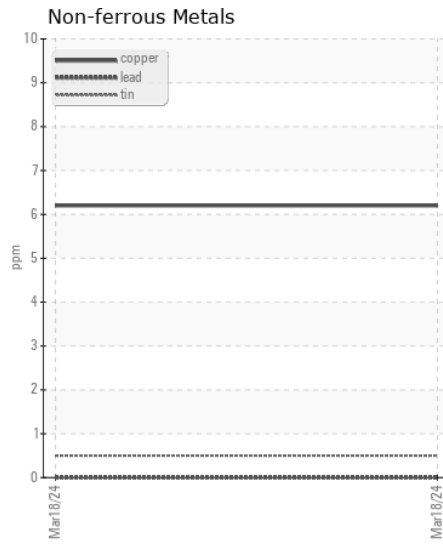
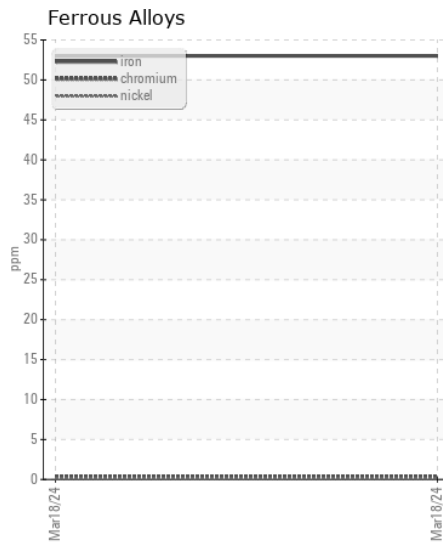
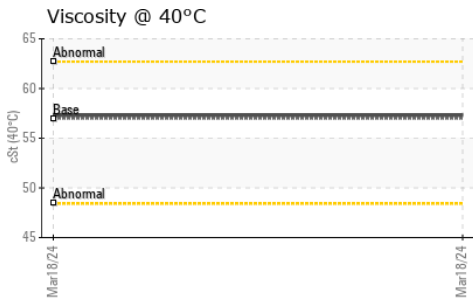
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185m | >82 | 7 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 3 | --- | --- |
| Water | | WC Method | >0.2 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.2 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|--------------|-----|-----|
| Sodium | ppm | ASTM D5185m | | 0 | --- | --- |
| Boron | ppm | ASTM D5185m | 6 | <1 | --- | --- |
| Barium | ppm | ASTM D5185m | 0 | 3 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | <1 | --- | --- |
| Manganese | ppm | ASTM D5185m | | <1 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 145 | 96 | --- | --- |
| Calcium | ppm | ASTM D5185m | 3570 | 3417 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 1290 | 1018 | --- | --- |
| Zinc | ppm | ASTM D5185m | 1640 | 1260 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 3843 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 57.3 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0199678 **Received** : 19 Mar 2024
Lab Number : 06122686 **Tested** : 20 Mar 2024
Unique Number : 10936837 **Diagnosed** : 20 Mar 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - ASHLAND
 11047 LEADBETTER RD
 ASHLAND, VA
 US 23005
 Contact: DAVID ZIEG
 dzieg@jamesriverequipment.com
 T: (804)798-6001
 F: (804)798-0292

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)