



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

Machine Id
JOHN DEERE 85G 1FF085GXENJ024140

Component
Left 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 | | JR0215215 | --- | --- |
| Sample Date | | Client Info | | 26 Jun 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 1032 | --- | --- |
| Oil Age | hrs | Client Info | | 1032 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Not Changd | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

Metal levels are typical for a new component breaking in.

| | | | | | | |
|--------------|--------|-------------|-------|-------------|-----|-----|
| PQ | | ASTM D8184 | >1250 | 614 | --- | --- |
| Iron | ppm | ASTM D5185m | >750 | 774 | --- | --- |
| Chromium | ppm | ASTM D5185m | >9 | 12 | --- | --- |
| Nickel | ppm | ASTM D5185m | >10 | 2 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 3 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >40 | 5 | --- | --- |
| Lead | ppm | ASTM D5185m | >15 | 0 | --- | --- |
| Copper | ppm | ASTM D5185m | >40 | 3 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

CONTAMINATION

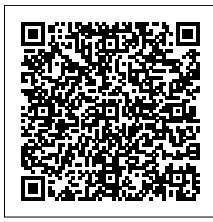
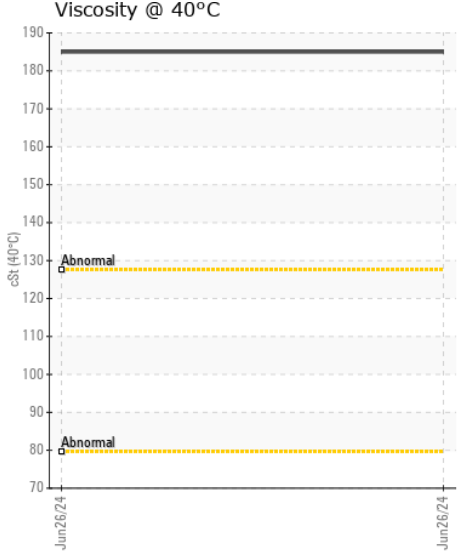
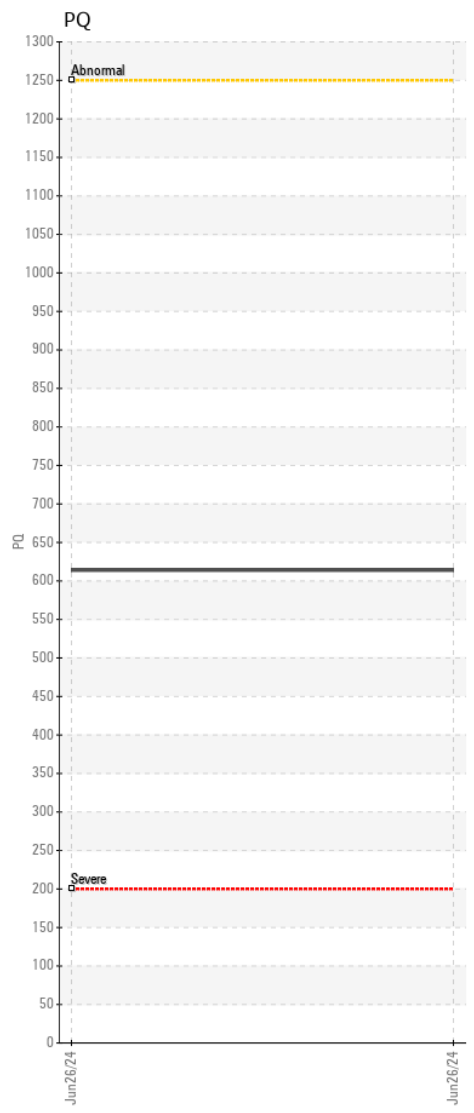
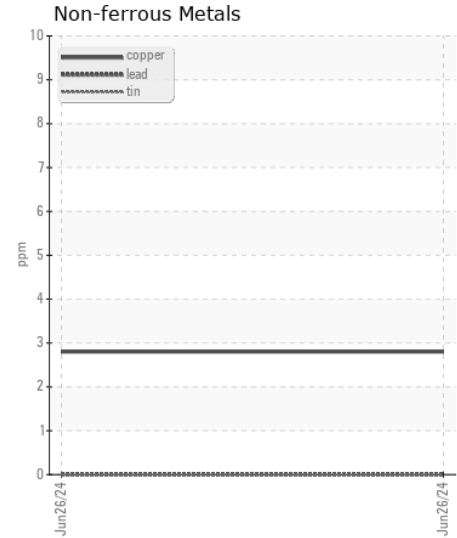
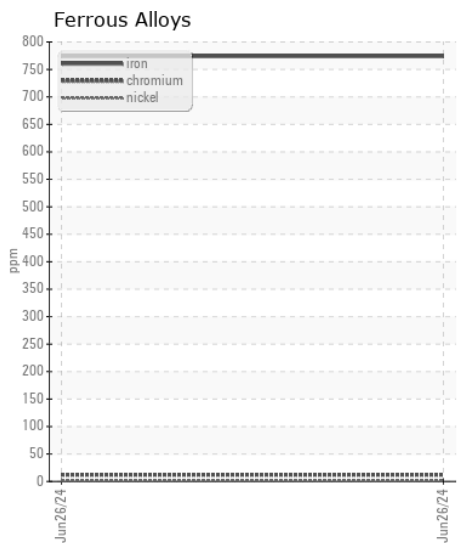
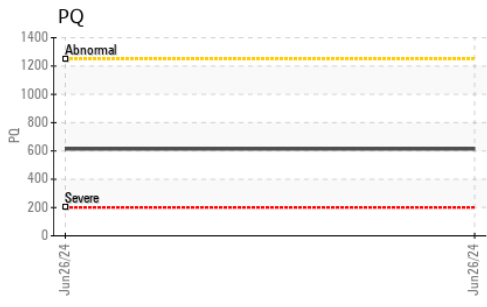
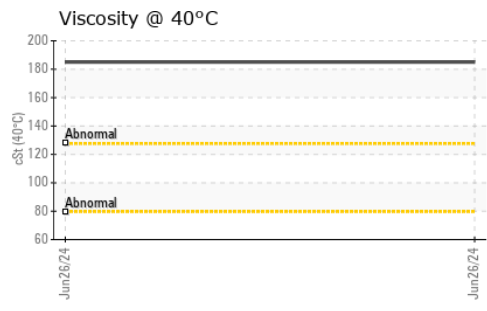
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185m | >75 | 20 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 5 | --- | --- |
| Water | | WC Method | >0.075 | 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 | >0.075 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|-----|--------------|-----|-----|
| Sodium | ppm | ASTM D5185m | >51 | 5 | --- | --- |
| Boron | ppm | ASTM D5185m | | 53 | --- | --- |
| Barium | ppm | ASTM D5185m | | 77 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 12 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 7 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 138 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 507 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 132 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 17276 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 185 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0215215 **Received** : 28 Jun 2024
Lab Number : 06223681 **Tested** : 01 Jul 2024
Unique Number : 11101878 **Diagnosed** : 01 Jul 2024 - Don Baldridge
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com
 T: (704)597-0211
 F: (704)596-6198

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)