



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

Machine Id
JOHN DEERE 135G 1FF135GXVKF501578
 Component
Right Final Drive
 Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

WEAR

All component wear rates are normal.

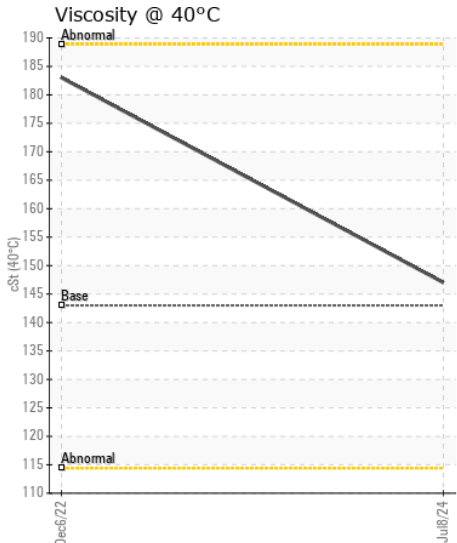
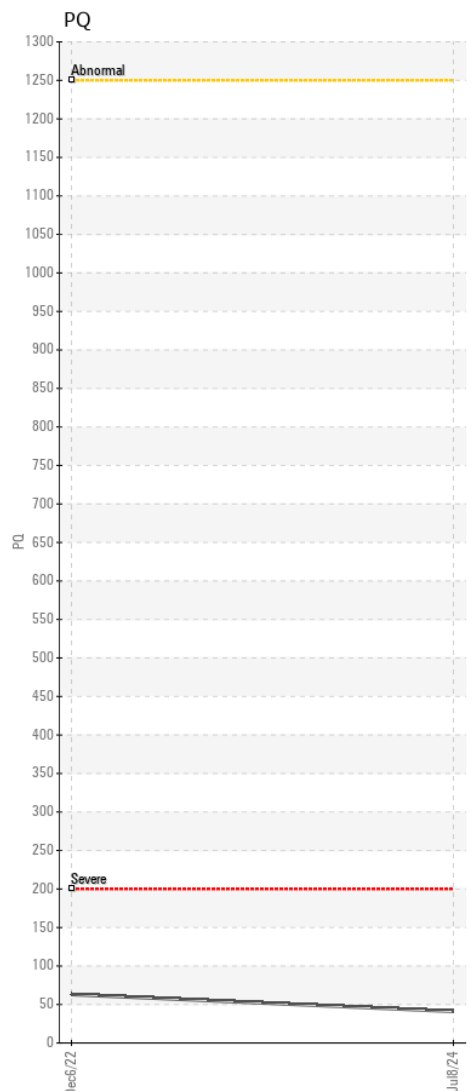
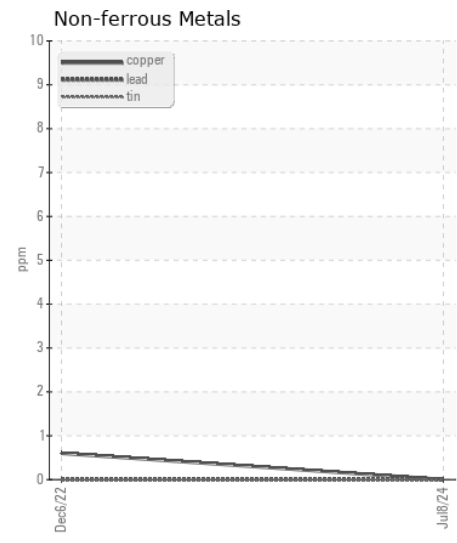
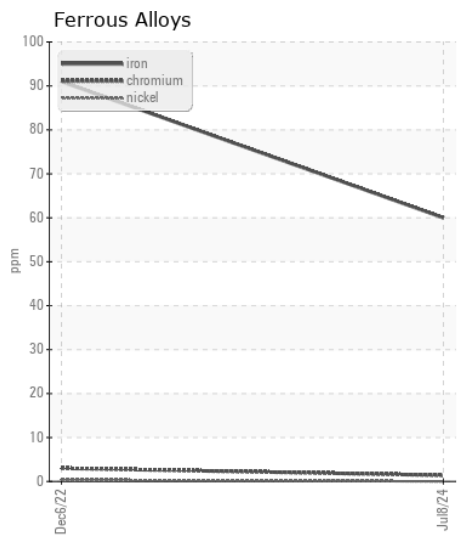
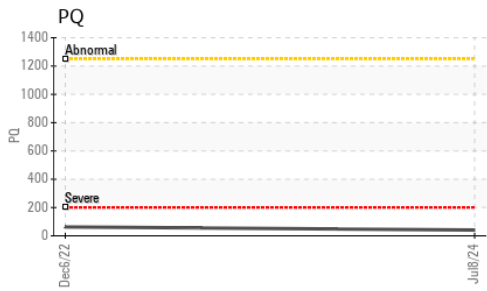
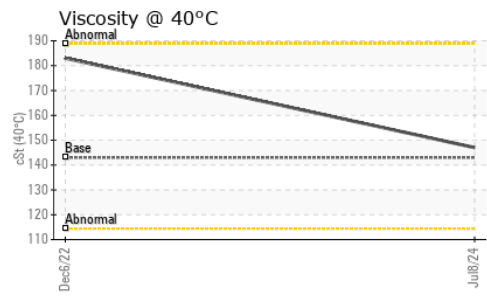
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | JR0223146 | JR0138353 | --- |
| Sample Date | | Client Info | | 08 Jul 2024 | 06 Dec 2022 | --- |
| Machine Age | hrs | Client Info | | 6264 | 4309 | --- |
| Oil Age | hrs | Client Info | | 0 | 0 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | N/A | N/A | --- |
| Filter Changed | | Client Info | | N/A | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |
| PQ | | ASTM D8184 | >1250 | 41 | 63 | --- |
| Iron | ppm | ASTM D5185m | >750 | 60 | 91 | --- |
| Chromium | ppm | ASTM D5185m | >9 | 1 | 3 | --- |
| Nickel | ppm | ASTM D5185m | >10 | 0 | <1 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >40 | 2 | 2 | --- |
| Lead | ppm | ASTM D5185m | >15 | 0 | 0 | --- |
| Copper | ppm | ASTM D5185m | >40 | 0 | <1 | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | MODER | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Silicon | ppm | ASTM D5185m | >75 | 12 | 16 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 1 | 3 | --- |
| 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 | --- |
| Sodium | ppm | ASTM D5185m | >170 | 2 | <1 | --- |
| Boron | ppm | ASTM D5185m | 400 | 43 | 55 | --- |
| Barium | ppm | ASTM D5185m | 200 | 1 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | 12 | 0 | <1 | --- |
| Manganese | ppm | ASTM D5185m | | 1 | 3 | --- |
| Magnesium | ppm | ASTM D5185m | 12 | 2 | 2 | --- |
| Calcium | ppm | ASTM D5185m | 150 | 9 | 16 | --- |
| Phosphorus | ppm | ASTM D5185m | 1650 | 539 | 476 | --- |
| Zinc | ppm | ASTM D5185m | 125 | 24 | 60 | --- |
| Sulfur | ppm | ASTM D5185m | 22500 | 19853 | 16273 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 143 | 147 | 183 | --- |



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0223146 **Received** : 09 Jul 2024
Lab Number : 06231736 **Tested** : 10 Jul 2024
Unique Number : 11115229 **Diagnosed** : 10 Jul 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)