



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



Machine Id
JOHN DEERE 300D 1DW300DXJEE660577
Component
Center Right Final Drive
Fluid
JOHN DEERE GL-5 80W90 (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0213152 | JRMC411920 | JRMC400187 |
| Sample Date | | Client Info | | 13 Jun 2024 | 15 Sep 2017 | 10 May 2016 |
| Machine Age | hrs | Client Info | | 8984 | 4005 | 2238 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | Changed | Changed |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|------|-------|
| PQ | | ASTM D8184 | >1250 | 24 | 27 | 261 |
| Iron | ppm | ASTM D5185m | >750 | 16 | 92 | 432 |
| Chromium | ppm | ASTM D5185m | >9 | <1 | 1 | 4 |
| Nickel | ppm | ASTM D5185m | >10 | <1 | 2 | 6 |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >40 | 1 | 2 | 10 |
| Lead | ppm | ASTM D5185m | >15 | <1 | 1 | <1 |
| Copper | ppm | ASTM D5185m | >40 | 2 | 4 | 20 |
| Tin | ppm | ASTM D5185m | >10 | <1 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | VHEVY |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

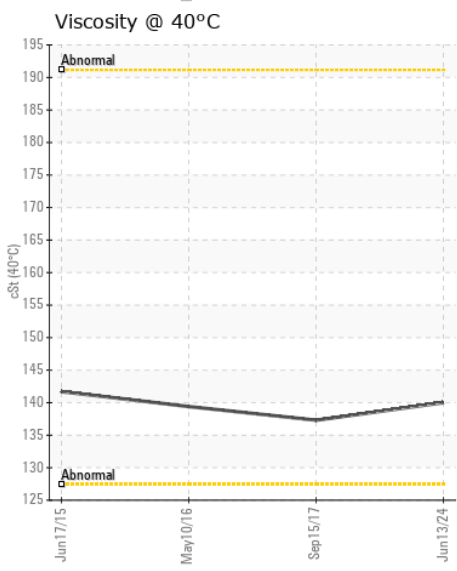
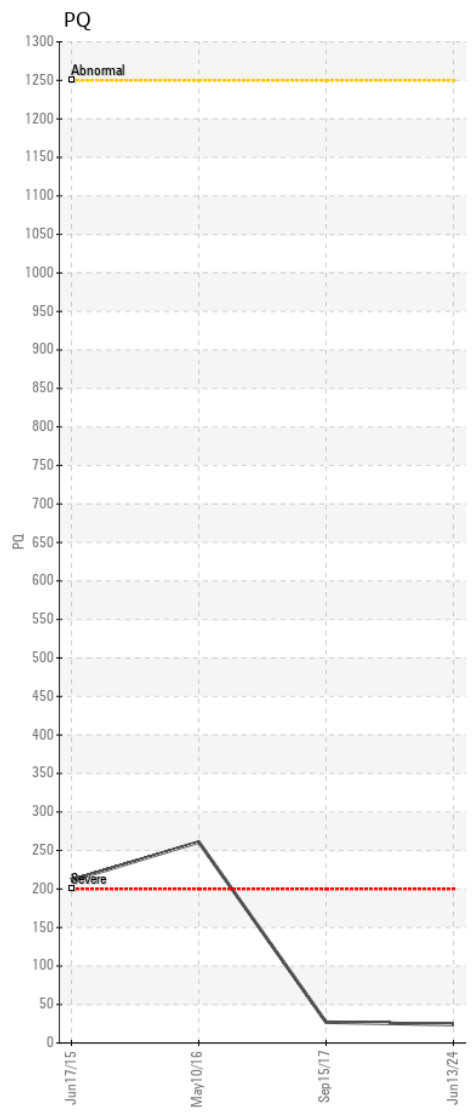
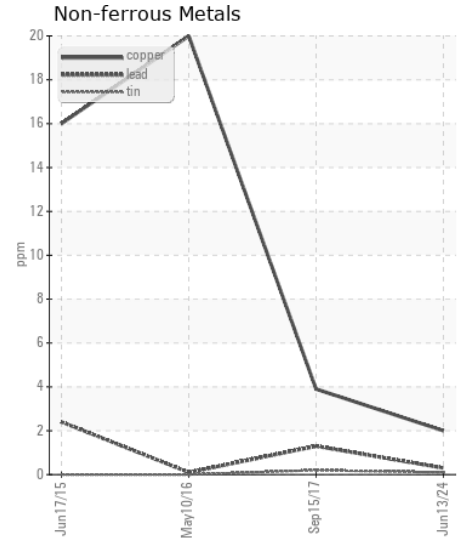
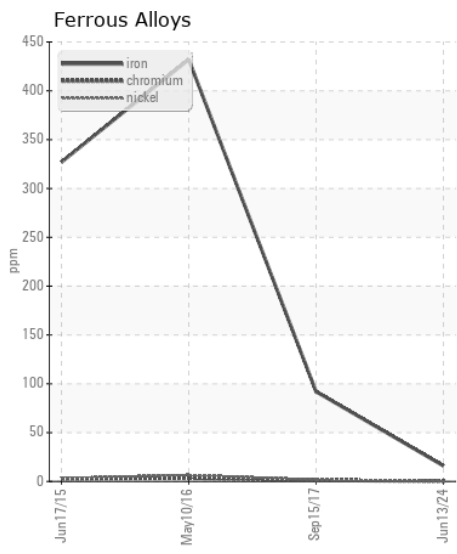
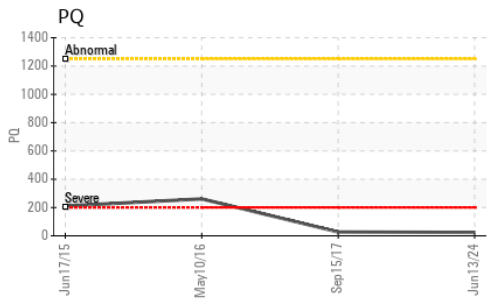
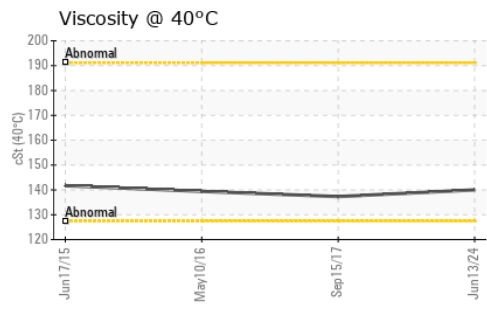
There is no indication of any contamination in the component.

| | | | | | | |
|------------------|--------|-------------|--------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >75 | 3 | 3 | 9 |
| Potassium | ppm | ASTM D5185m | >20 | <1 | <1 | 0 |
| Water | | WC Method | >0.075 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | LIGHT |
| 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 | 1 | 2 | 8 |
| Boron | ppm | ASTM D5185m | | 12 | 147 | 3 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 3 |
| Molybdenum | ppm | ASTM D5185m | | 1 | 2 | 5 |
| Manganese | ppm | ASTM D5185m | | <1 | 2 | 6 |
| Magnesium | ppm | ASTM D5185m | | 2 | 0 | 3 |
| Calcium | ppm | ASTM D5185m | | 0 | 11 | 38 |
| Phosphorus | ppm | ASTM D5185m | | 831 | 1745 | 2090 |
| Zinc | ppm | ASTM D5185m | | 8 | 11 | 39 |
| Sulfur | ppm | ASTM D5185m | | 20897 | 10702 | 25377 |
| Visc @ 40°C | cSt | ASTM D445 | | 140 | 137.3 | 139.4 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213152 **Received** : 14 Jun 2024
Lab Number : 06210409 **Tested** : 18 Jun 2024
Unique Number : 11083273 **Diagnosed** : 18 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)