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

Machine Id
JOHN DEERE 260P 1DW260PATPFB06646

Component
Rear Axle

Fluid
JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | JR0219639 | JR0206362 | JR0188331 |
| Sample Date | | Client Info | | 03 Jul 2024 | 26 Mar 2024 | 14 Sep 2023 |
| Machine Age | hrs | Client Info | | 1468 | 1010 | 432 |
| Oil Age | hrs | Client Info | | 1468 | 1010 | 432 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | Not Changd | Not Changd |
| Filter Changed | | Client Info | | None | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

Metal levels are typical for a new component breaking in.

| PQ | UOM | Method | Limit/Abn | Current | History1 | History2 |
|--------------|--------|-------------|-----------|--------------|----------|----------|
| PQ | | ASTM D8184 | | 1229 | 13 | 90 |
| Iron | ppm | ASTM D5185m | >500 | 522 | <1 | 110 |
| Chromium | ppm | ASTM D5185m | >10 | 4 | 0 | 1 |
| Nickel | ppm | ASTM D5185m | >10 | 9 | 0 | 3 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 6 | 0 | 4 |
| Lead | ppm | ASTM D5185m | >25 | 0 | 0 | <1 |
| Copper | ppm | ASTM D5185m | >50 | 98 | 0 | 44 |
| Tin | ppm | ASTM D5185m | >10 | 6 | 0 | 3 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | MODER | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

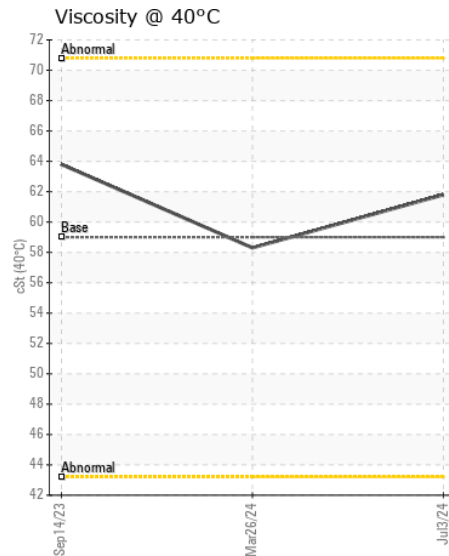
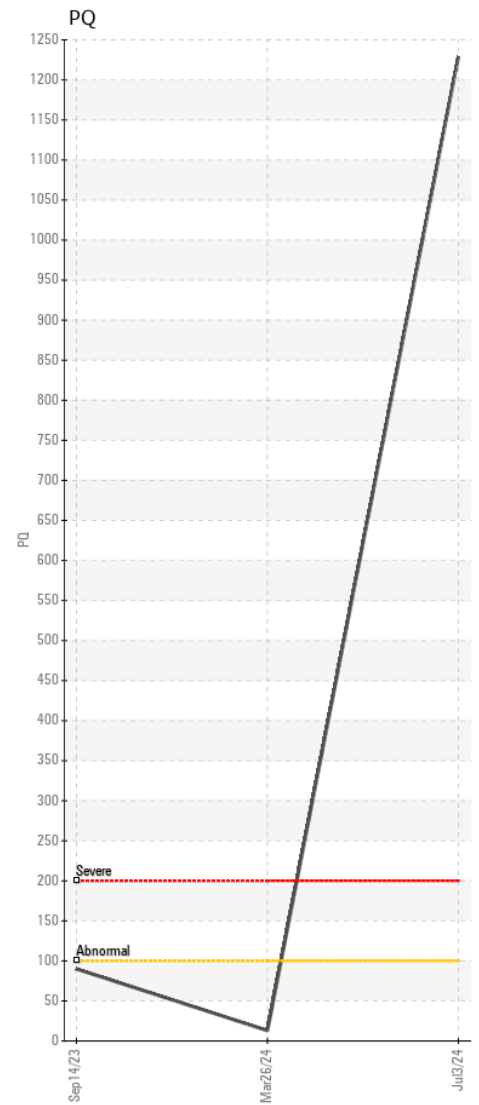
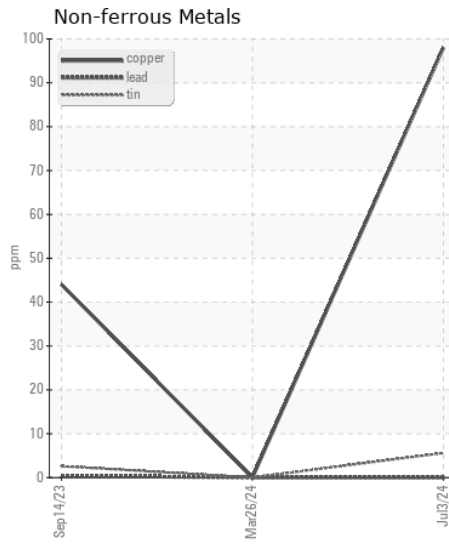
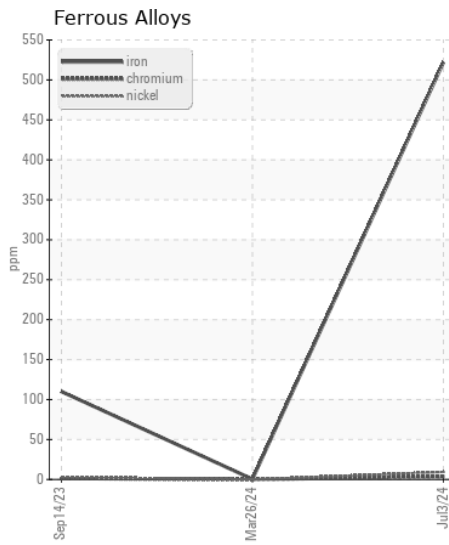
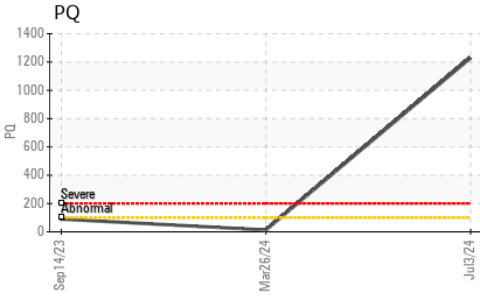
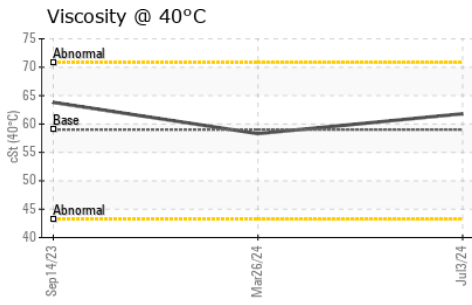
There is no indication of any contamination in the oil.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|-------------|-----------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | >75 | 18 | 4 | 11 |
| Potassium | ppm | ASTM D5185m | >20 | <1 | 0 | <1 |
| Water | | WC Method | >0.2 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| 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 | >0.2 | NEG | NEG | NEG |

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|-------------|-----|-------------|-----------|--------------|----------|----------|
| Sodium | ppm | ASTM D5185m | | 29 | 0 | 22 |
| Boron | ppm | ASTM D5185m | | 103 | <1 | 119 |
| Barium | ppm | ASTM D5185m | | 3 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | 1 |
| Manganese | ppm | ASTM D5185m | | 53 | 0 | 28 |
| Magnesium | ppm | ASTM D5185m | | 11 | 95 | 2 |
| Calcium | ppm | ASTM D5185m | | 3474 | 3413 | 3684 |
| Phosphorus | ppm | ASTM D5185m | | 1198 | 990 | 1210 |
| Zinc | ppm | ASTM D5185m | | 1386 | 1239 | 1506 |
| Sulfur | ppm | ASTM D5185m | | 3721 | 4080 | 4346 |
| Visc @ 40°C | cSt | ASTM D445 | 59 | 61.8 | 58.3 | 63.8 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219639 **Received** : 09 Jul 2024
Lab Number : 06231741 **Tested** : 10 Jul 2024
Unique Number : 11115234 **Diagnosed** : 11 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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)

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