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

Machine Id
JOHN DEERE 524 P 1DW524PAPPLS17696
 Component
Front Axle
 Fluid
TDH FLUID SAE 75W80 (--- 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) TDH FLUID SAE 75W80. Please confirm.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | JR0204652 | --- | --- |
| Sample Date | | Client Info | | 22 Apr 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 2216 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

All component wear rates are normal.

| PQ | UOM | Method | Limit/Abn | Current | History1 | History2 |
|--------------|--------|-------------|-----------|--------------|----------|----------|
| PQ | | ASTM D8184 | | 92 | --- | --- |
| Iron | ppm | ASTM D5185m | >750 | 314 | --- | --- |
| Chromium | ppm | ASTM D5185m | >11 | 2 | --- | --- |
| Nickel | ppm | ASTM D5185m | >10 | 2 | --- | --- |
| Titanium | ppm | ASTM D5185m | | <1 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >21 | 2 | --- | --- |
| Lead | ppm | ASTM D5185m | >49 | 7 | --- | --- |
| Copper | ppm | ASTM D5185m | >101 | 36 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | 2 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

CONTAMINATION

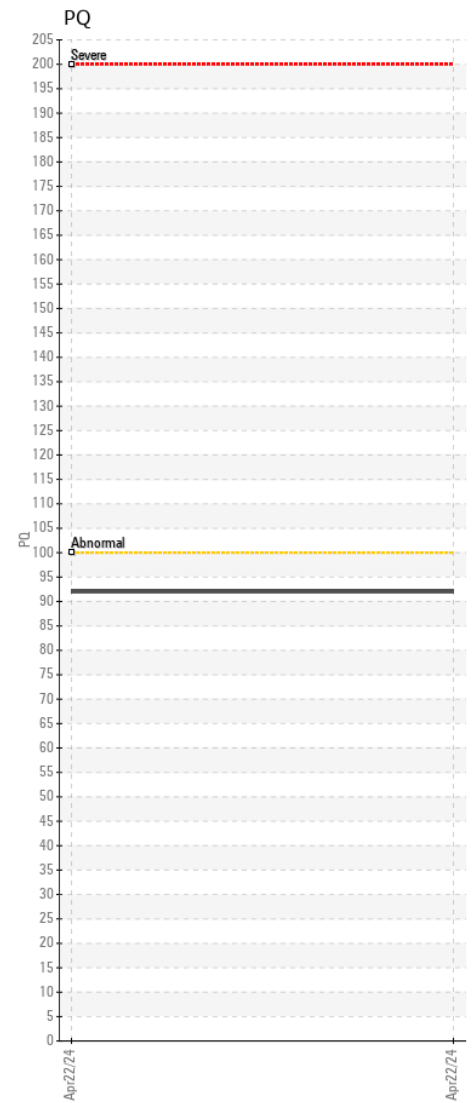
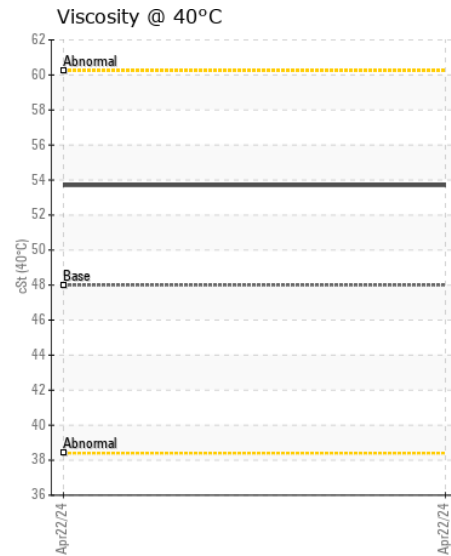
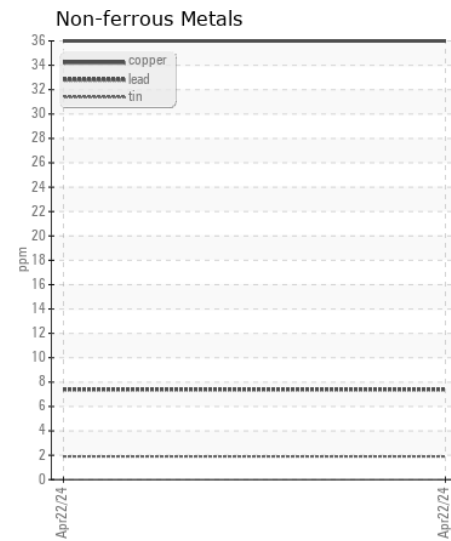
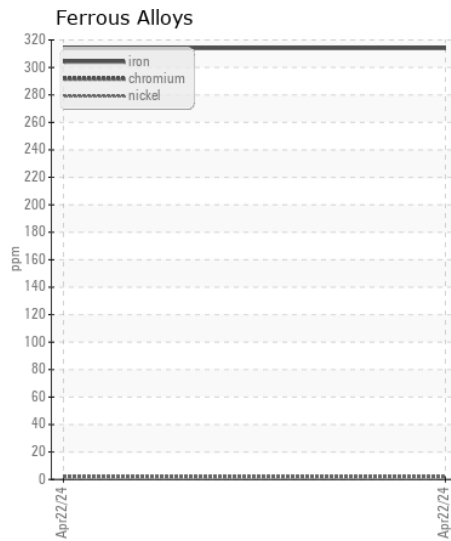
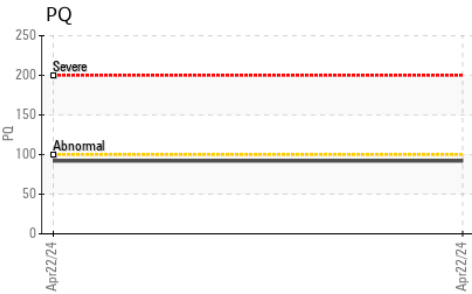
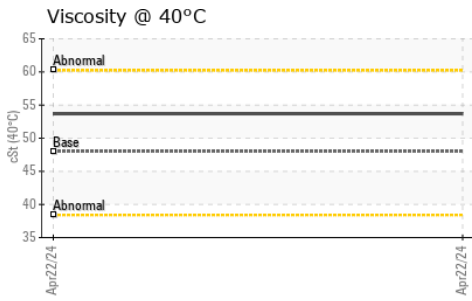
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185m | >31 | 22 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 2 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | LIGHT | --- | --- |
| 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 | >0.1 | 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 | 10 | 3 | --- | --- |
| Barium | ppm | ASTM D5185m | 10 | 7 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 10 | 2 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 10 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 100 | 95 | --- | --- |
| Calcium | ppm | ASTM D5185m | 3500 | 3402 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 1150 | 1042 | --- | --- |
| Zinc | ppm | ASTM D5185m | 1150 | 1181 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 5000 | 3622 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | 48 | 53.7 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0204652
Lab Number : 06157999
Unique Number : 10993422
Test Package : CONST (Additional Tests: PQ)

Received : 23 Apr 2024
Tested : 24 Apr 2024
Diagnosed : 24 Apr 2024 - Wes Davis

JRE - GREENSBORO
 411 SOUTH REGIONAL ROAD
 GREENSBORO, NC
 US 27409

Contact: JUSTIN WILLIAMS
 justin.williams@jamesriverequipment.com

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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