



OIL ANALYSIS REPORT

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



Area
Store 3 - Norton
Machine Id
JOHN DEERE 624P 1DW624PAVPLX20011
Component
Transmission (Manual)
Fluid
JOHN DEERE HY-GARD HYD/TRANS (6 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | LEC0050133 | LEC0045053 | LEC0044827 |
| Sample Date | | Client Info | | 19 Jun 2024 | 05 Apr 2024 | 16 Jan 2024 |
| Machine Age | hrs | Client Info | | 1420 | 960 | 490 |
| Oil Age | hrs | Client Info | | 1420 | 960 | 490 |
| Filter Age | hrs | Client Info | | 1420 | 960 | 490 |
| Oil Changed | | Client Info | | Not Changed | Not Changed | Not Changed |
| Filter Changed | | Client Info | | Not Changed | Not Changed | Not Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| PQ | | ASTM D8184 | >95 | 18 | 12 | 10 |
| Iron | ppm | ASTM D5185m | >200 | 9 | 5 | 4 |
| Chromium | ppm | ASTM D5185m | >5 | <1 | 0 | 0 |
| Nickel | ppm | ASTM D5185m | >5 | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185m | >7 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | 0 | 0 |
| Lead | ppm | ASTM D5185m | >45 | <1 | 0 | 1 |
| Copper | ppm | ASTM D5185m | >225 | 4 | 3 | 3 |
| Tin | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

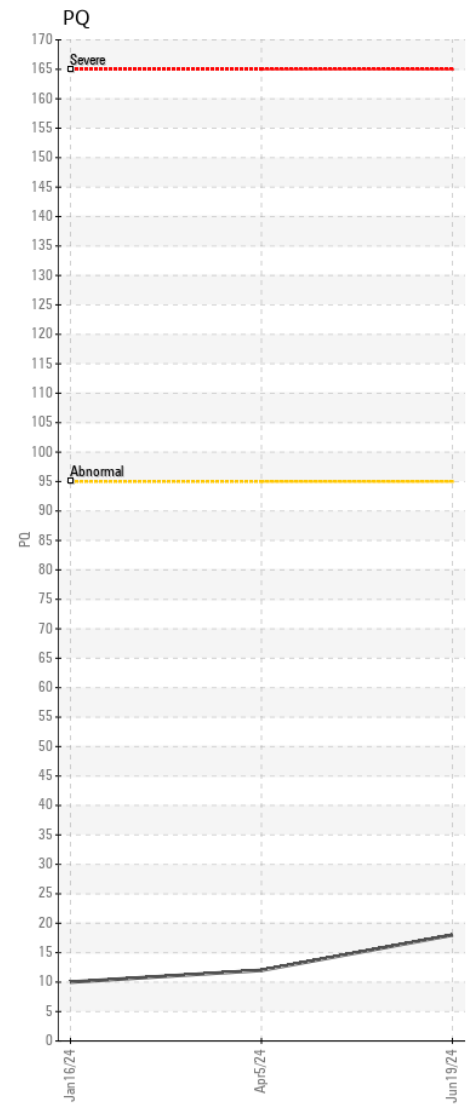
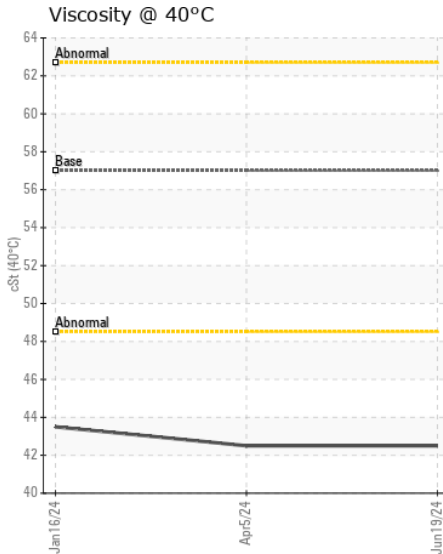
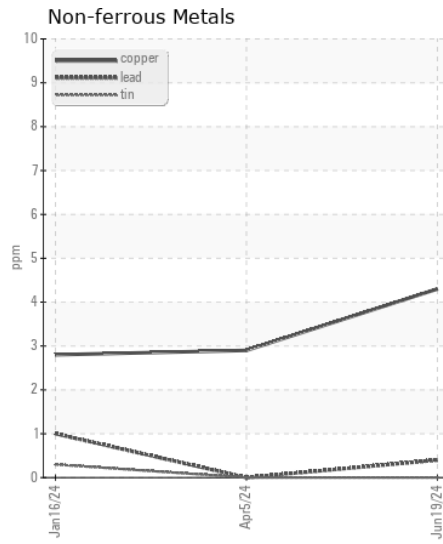
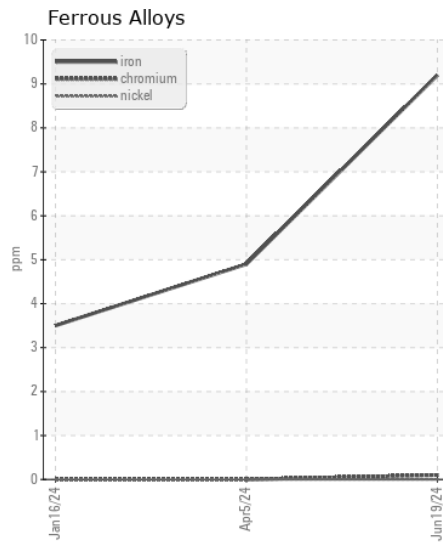
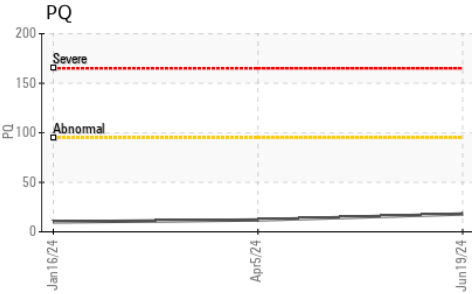
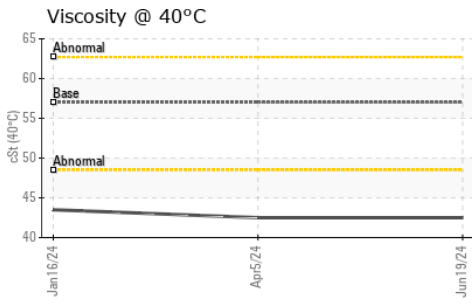
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >125 | 35 | 37 | 14 |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 0 | <1 |
| Water | | WC Method | >0.1 | 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 | >0.1 | NEG | NEG | NEG |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | 38 | 35 | 32 |
| Boron | ppm | ASTM D5185m | 6 | 5 | 3 | <1 |
| Barium | ppm | ASTM D5185m | 0 | <1 | <1 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 5 | 0 | 1 |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 145 | 86 | 89 | 97 |
| Calcium | ppm | ASTM D5185m | 3570 | 3408 | 3253 | 3242 |
| Phosphorus | ppm | ASTM D5185m | 1290 | 1097 | 1032 | 1083 |
| Zinc | ppm | ASTM D5185m | 1640 | 1234 | 1232 | 1318 |
| Sulfur | ppm | ASTM D5185m | | 4106 | 3401 | 3678 |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 42.5 | 42.5 | 43.5 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0050133 **Received** : 21 Jun 2024
Lab Number : 06217048 **Tested** : 24 Jun 2024
Unique Number : 11089912 **Diagnosed** : 24 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.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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