



OIL ANALYSIS REPORT

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



Area
Store 8 - Pikeville [RO#144058]
Machine Id
JOHN DEERE 210G 1FF210GXENF530277
Component
Right Propel Gearbox
Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | LEC0042026 | LEC0040376 | --- |
| Sample Date | | Client Info | | 16 Oct 2023 | 19 Apr 2023 | --- |
| Machine Age | hrs | Client Info | | 1064 | 435 | --- |
| Oil Age | hrs | Client Info | | 629 | 435 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | Changed | Changed | --- |
| Filter Changed | | Client Info | | N/A | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|-------|--------------|-------|-----|
| PQ | | ASTM D8184 | | 92 | 188 | --- |
| Iron | ppm | ASTM D5185m | >1250 | 242 | 267 | --- |
| Chromium | ppm | ASTM D5185m | >10 | 4 | 5 | --- |
| Nickel | ppm | ASTM D5185m | >10 | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | <1 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | | 2 | 1 | --- |
| Lead | ppm | ASTM D5185m | | 0 | 0 | --- |
| Copper | ppm | ASTM D5185m | | 2 | <1 | --- |
| Tin | ppm | ASTM D5185m | | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | <1 | --- |
| White Metal | scalar | *Visual | NONE | MODER | MODER | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

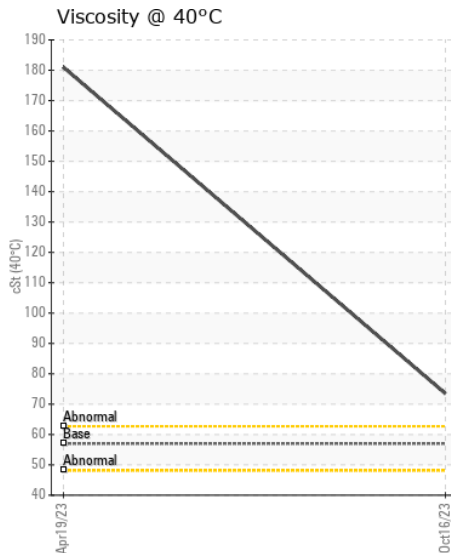
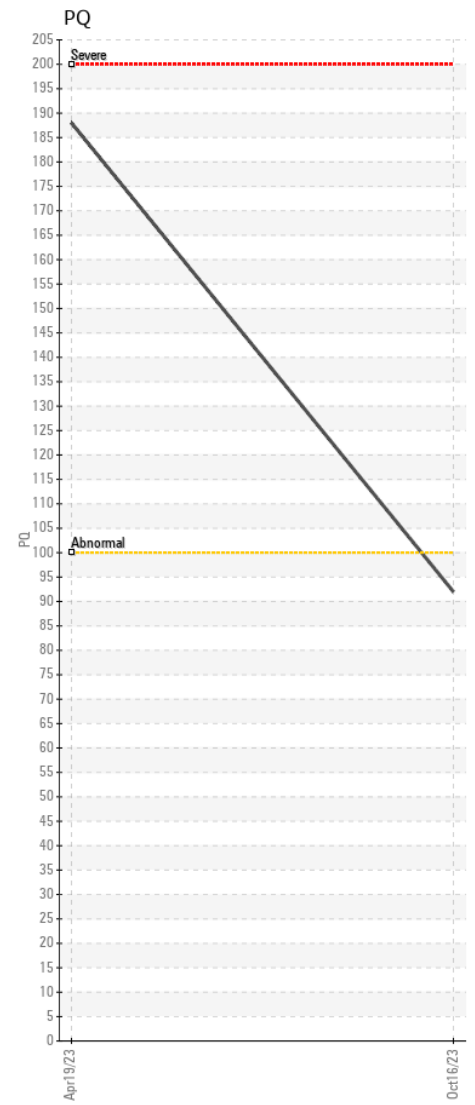
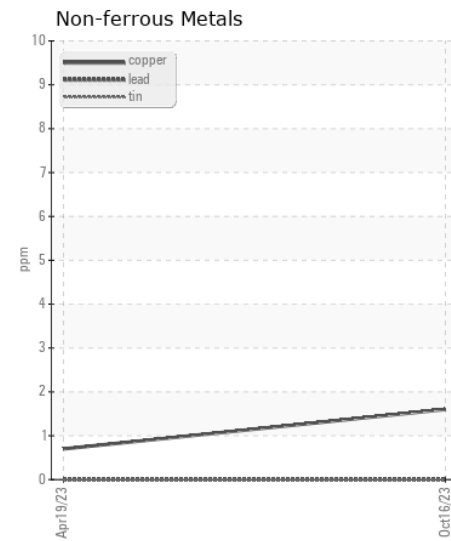
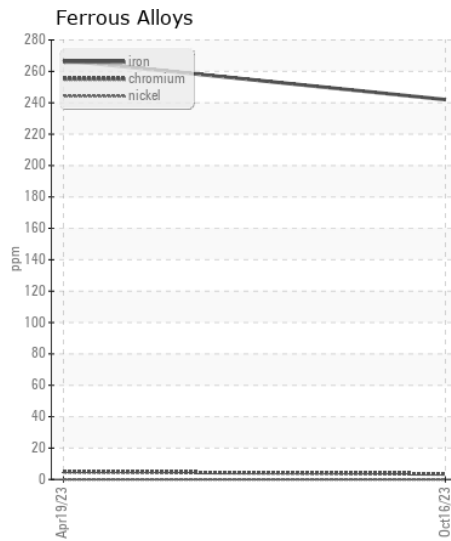
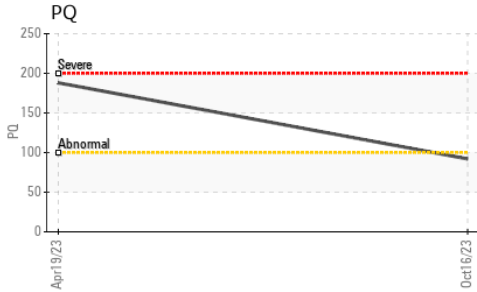
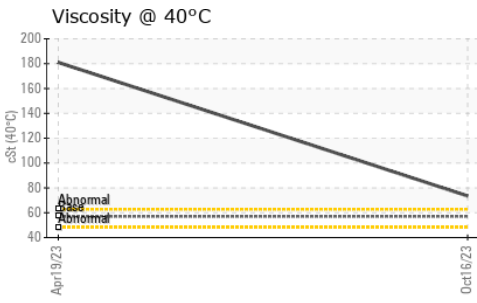
There is no indication of any contamination in the fluid.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-----|
| Silicon | ppm | ASTM D5185m | | 18 | 19 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 3 | <1 | --- |
| Water | | WC Method | >0.2 | 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 | >0.2 | NEG | NEG | --- |

FLUID CONDITION

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

| | | | | | | |
|-------------|-----|-------------|------|-------------|-------|-----|
| Sodium | ppm | ASTM D5185m | | 0 | 1 | --- |
| Boron | ppm | ASTM D5185m | 6 | 39 | 70 | --- |
| Barium | ppm | ASTM D5185m | 0 | 3 | 4 | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | 4 | <1 | --- |
| Manganese | ppm | ASTM D5185m | | 4 | 6 | --- |
| Magnesium | ppm | ASTM D5185m | 145 | 91 | 3 | --- |
| Calcium | ppm | ASTM D5185m | 3570 | 2764 | 47 | --- |
| Phosphorus | ppm | ASTM D5185m | 1290 | 903 | 502 | --- |
| Zinc | ppm | ASTM D5185m | 1640 | 1028 | 36 | --- |
| Sulfur | ppm | ASTM D5185m | | 7439 | 16463 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 73.5 | 181 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0042026 **Received** : 20 Oct 2023
Lab Number : 05985061 **Tested** : 23 Oct 2023
Unique Number : 10702356 **Diagnosed** : 23 Oct 2023 - Don Baldrige
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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