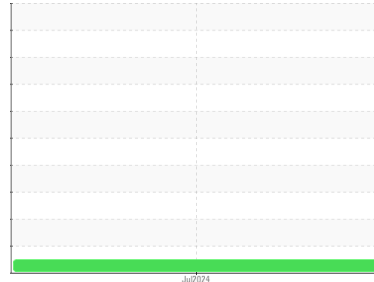


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
JOHN DEERE 700L 6X27 (S/N 1T0700LXLNF428359)
 Component
Right Final Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

| method | limit/base | current | history1 | history2 |
|---------------|-----------------|--------------------|----------|----------|
| Sample Number | Client Info | JR0197046 | --- | --- |
| Sample Date | Client Info | 12 Jul 2024 | --- | --- |
| Machine Age | hrs Client Info | 104 | --- | --- |
| Oil Age | hrs Client Info | 0 | --- | --- |
| Oil Changed | Client Info | Not Chngd | --- | --- |
| Sample Status | | NORMAL | --- | --- |

CONTAMINATION

| method | limit/base | current | history1 | history2 |
|--------|------------------|------------|----------|----------|
| Water | WC Method >0.075 | NEG | --- | --- |

WEAR METALS

| method | limit/base | current | history1 | history2 |
|----------|----------------------|--------------|----------|----------|
| PQ | ASTM D8184 >1250 | 46 | --- | --- |
| Iron | ppm ASTM D5185m >750 | 46 | --- | --- |
| Chromium | ppm ASTM D5185m >9 | 2 | --- | --- |
| Nickel | ppm ASTM D5185m >10 | 0 | --- | --- |
| Titanium | ppm ASTM D5185m | 0 | --- | --- |
| Silver | ppm ASTM D5185m | 0 | --- | --- |
| Aluminum | ppm ASTM D5185m >40 | 3 | --- | --- |
| Lead | ppm ASTM D5185m >15 | 0 | --- | --- |
| Copper | ppm ASTM D5185m >40 | <1 | --- | --- |
| Tin | ppm ASTM D5185m >10 | 0 | --- | --- |
| Vanadium | ppm ASTM D5185m | 0 | --- | --- |
| Cadmium | ppm ASTM D5185m | 0 | --- | --- |

ADDITIVES

| method | limit/base | current | history1 | history2 |
|------------|----------------------|--------------|----------|----------|
| Boron | ppm ASTM D5185m 6 | 9 | --- | --- |
| Barium | ppm ASTM D5185m 0 | 0 | --- | --- |
| Molybdenum | ppm ASTM D5185m 0 | <1 | --- | --- |
| Manganese | ppm ASTM D5185m | 3 | --- | --- |
| Magnesium | ppm ASTM D5185m 145 | 95 | --- | --- |
| Calcium | ppm ASTM D5185m 3570 | 3346 | --- | --- |
| Phosphorus | ppm ASTM D5185m 1290 | 848 | --- | --- |
| Zinc | ppm ASTM D5185m 1640 | 1211 | --- | --- |
| Sulfur | ppm ASTM D5185m | 3872 | --- | --- |

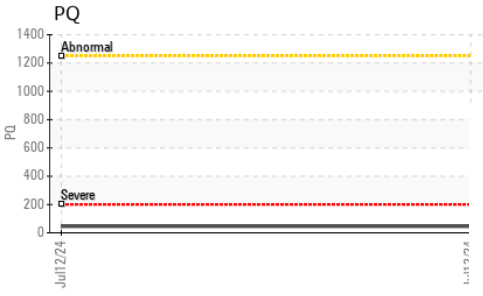
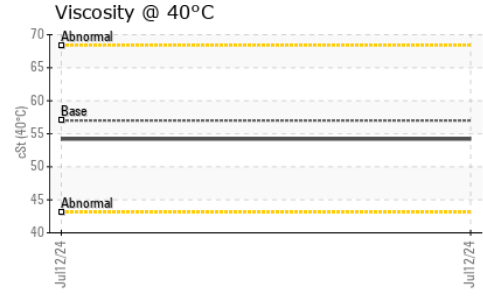
CONTAMINANTS

| method | limit/base | current | history1 | history2 |
|-----------|---------------------|-----------|----------|----------|
| Silicon | ppm ASTM D5185m >75 | 28 | --- | --- |
| Sodium | ppm ASTM D5185m >51 | 0 | --- | --- |
| Potassium | ppm ASTM D5185m >20 | 8 | --- | --- |

VISUAL

| method | limit/base | current | history1 | history2 |
|------------------|-----------------------|--------------|----------|----------|
| White Metal | scalar *Visual NONE | NONE | --- | --- |
| Yellow Metal | scalar *Visual NONE | NONE | --- | --- |
| Precipitate | scalar *Visual NONE | NONE | --- | --- |
| 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 >0.075 | NEG | --- | --- |
| Free Water | scalar *Visual | NEG | --- | --- |

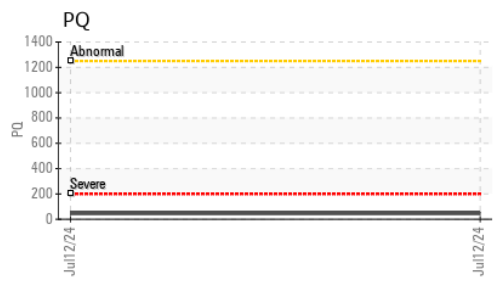
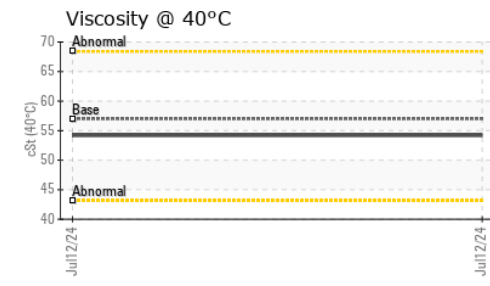
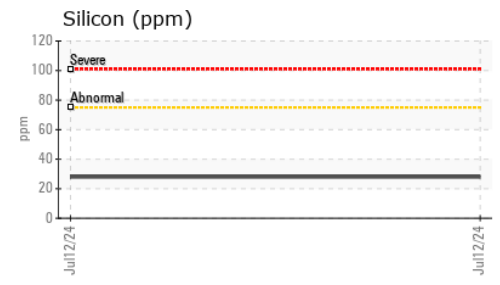
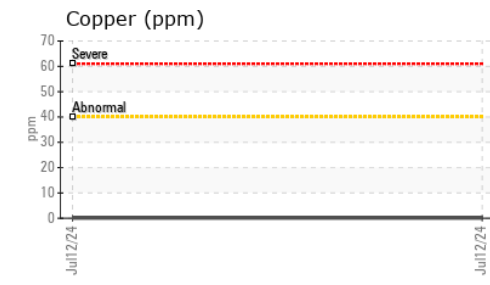
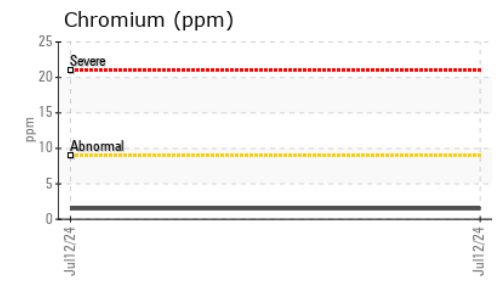
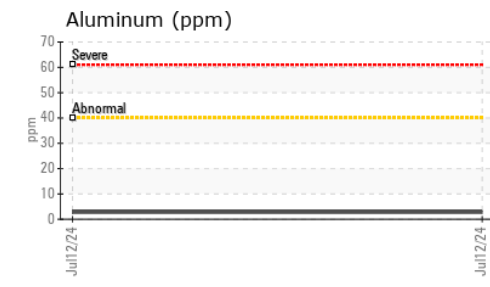
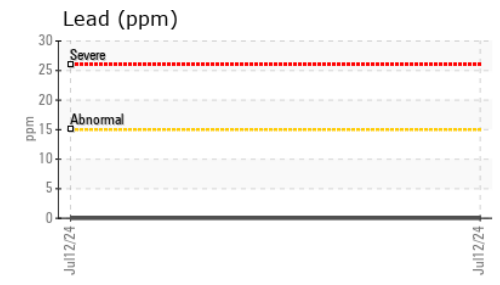
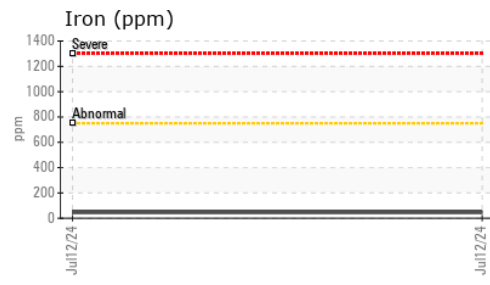
OIL ANALYSIS REPORT



| FLUID PROPERTIES | method | limit/base | current | history1 | history2 | |
|------------------|--------|------------|---------|-------------|----------|-----|
| Visc @ 40°C | cSt | ASTM D445 | 57.0 | 54.2 | --- | --- |

| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
| Color | | | | no image | no image |
| Bottom | | | | no image | no image |

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0197046 **Received** : 16 Jul 2024
Lab Number : **06238122** **Tested** : 17 Jul 2024
Unique Number : 11126956 **Diagnosed** : 17 Jul 2024 - Wes Davis
Test Package : MOBCE (Additional Tests: PQ)

NC FOREST SERVICE
 221 AIRPORT RD
 FAYETTEVILLE, NC
 US 28306
 Contact: WALTER CAPPS
 WATER.CAPPS@NCAGR.GOV
 T:
 F:

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)