



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

Machine Id
JOHN DEERE 7760 1N07760XJB0035205

Component
Rear Right Final Drive

Fluid
GEAR OIL SAE 80W140 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number | | Client Info | | JR0201868 | --- | --- |
| Sample Date | | Client Info | | 07 Jan 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 2250 | --- | --- |
| 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 | | | | ABNORMAL | --- | --- |

WEAR

Bearing and/or bushing wear is indicated.

| | | | | | | |
|--------------|--------|-------------|-------|------|-----|-----|
| PQ | | ASTM D8184 | >1250 | 126 | --- | --- |
| Iron | ppm | ASTM D5185m | >750 | 434 | --- | --- |
| Chromium | ppm | ASTM D5185m | >9 | 4 | --- | --- |
| Nickel | ppm | ASTM D5185m | >10 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >40 | <1 | --- | --- |
| Lead | ppm | ASTM D5185m | >15 | ▲ 25 | --- | --- |
| Copper | ppm | ASTM D5185m | >40 | ▲ 43 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | 4 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |

CONTAMINATION

There is no indication of any contamination in the oil.

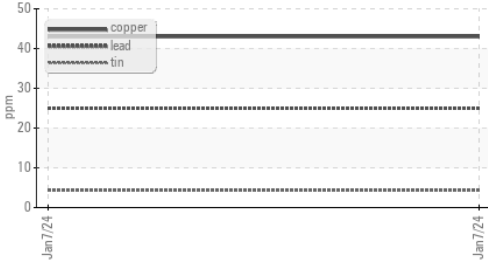
| | | | | | | |
|------------------|--------|-------------|--------|-------|-----|-----|
| Silicon | ppm | ASTM D5185m | >75 | 19 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 16 | --- | --- |
| Water | | WC Method | >0.075 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | LIGHT | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.075 | NEG | --- | --- |

FLUID CONDITION

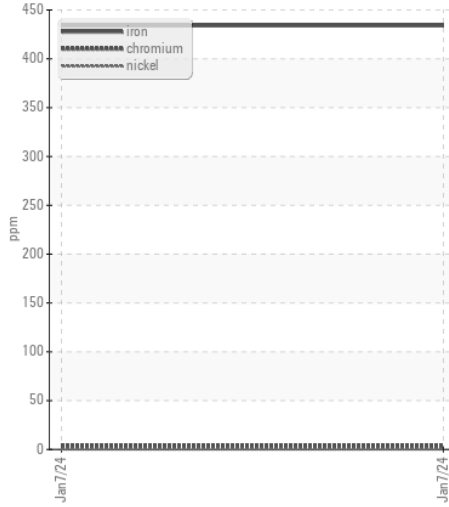
The condition of the oil is acceptable for the time in service.

| | | | | | | |
|-------------|-----|-------------|-------|-------|-----|-----|
| Sodium | ppm | ASTM D5185m | >51 | 8 | --- | --- |
| Boron | ppm | ASTM D5185m | 400 | 185 | --- | --- |
| Barium | ppm | ASTM D5185m | 200 | <1 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | 12 | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 6 | --- | --- |
| Magnesium | ppm | ASTM D5185m | 12 | 5 | --- | --- |
| Calcium | ppm | ASTM D5185m | 150 | 150 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | 1650 | 934 | --- | --- |
| Zinc | ppm | ASTM D5185m | 125 | 79 | --- | --- |
| Sulfur | ppm | ASTM D5185m | 22500 | 24920 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | 263 | 258 | --- | --- |

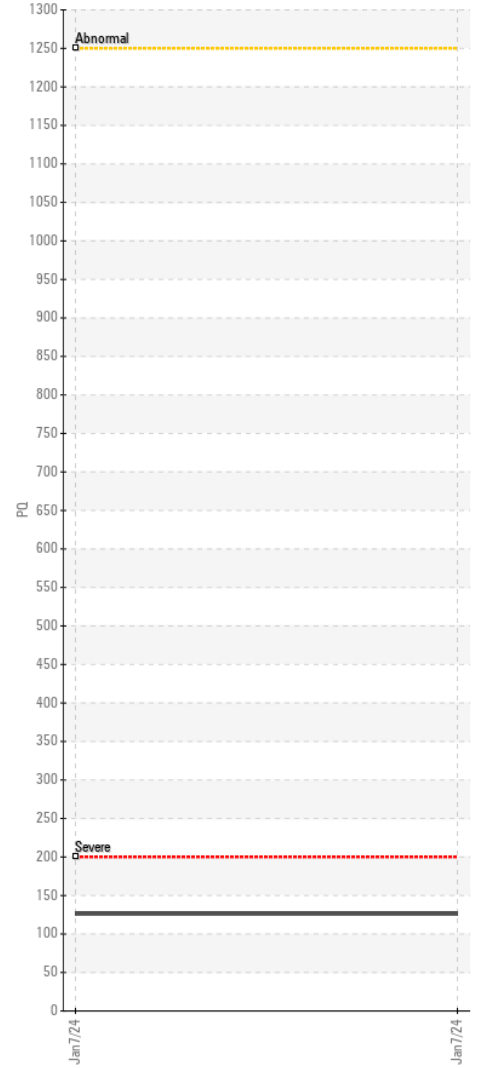
▲ Non-ferrous Metals



Ferrous Alloys



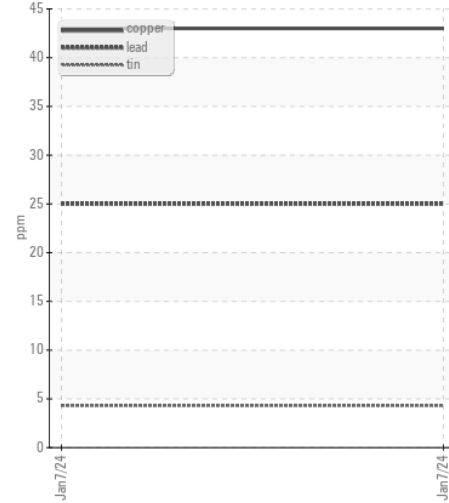
PQ



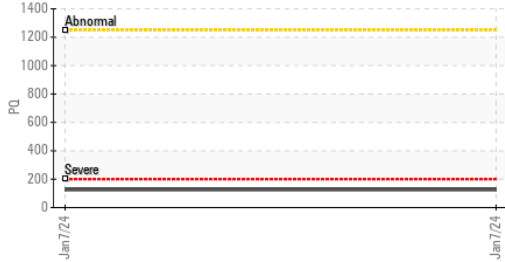
Viscosity @ 40°C



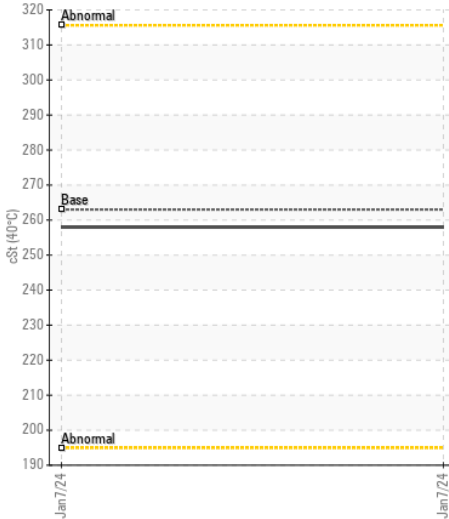
▲ Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0201868 **Recieved** : 08 Jan 2024
Lab Number : 06054262 **Diagnosed** : 09 Jan 2024
Unique Number : 10820211 **Diagnostician** : 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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