

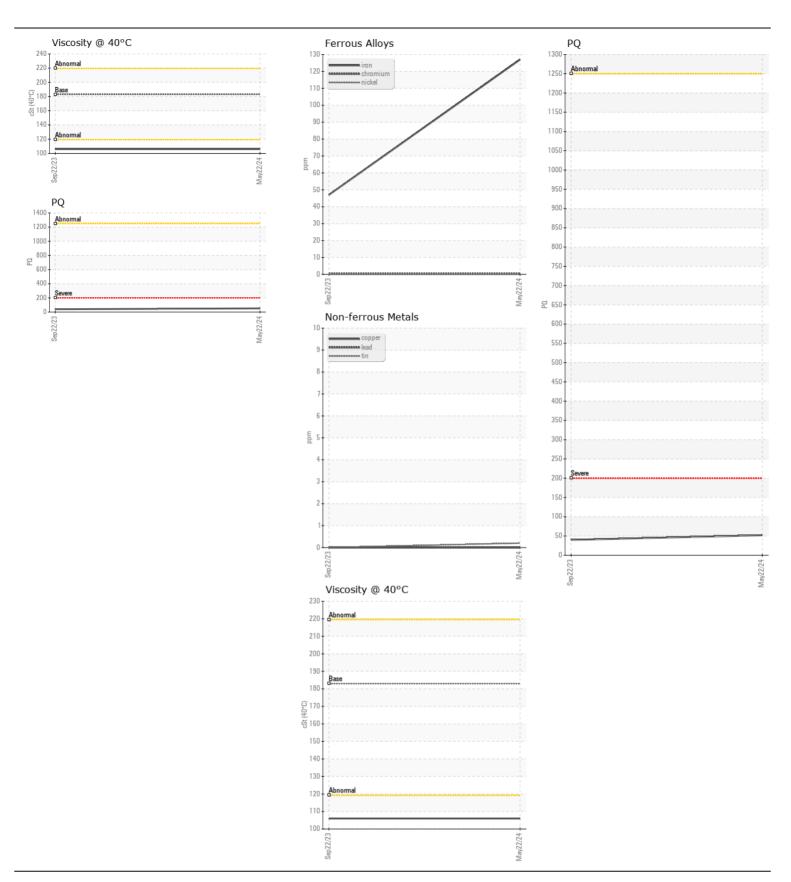
**WEAR** CONTAMINATION **FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

Store 9 - Marietta

## JOHN DEERE 700K 1T0700KXJDE248315

**Left Final Drive** 

| Test             | UOM   | Method   | Line St. / Allen   |  |   |  |
|------------------|---|--|--|--|---|--|
| Cample Number    |   | IVICTIOU   | Limit/Abn  | Current  | History1  | History2   |
| Sample Number    |   | Client Info  |  | LEC0048952   | LEC0042979  |  |
| Sample Date      |   | Client Info  |  | 22 May 2024  | 22 Sep 2023   |  |
| Machine Age      | hrs   | Client Info  |  | 6097   | 5603  |  |
| Oil Age          | hrs   | Client Info  |  | 500  | 500   |  |
| Filter Age       | hrs   | Client Info  |  | 0  | 0   |  |
| Oil Changed      |   | Client Info  |  | Not Changd   | Not Changd  |  |
| Filter Changed   |   | Client Info  |  | Changed  | Changed   |  |
| Sample Status    |   |  |  | NORMAL   | ATTENTION   |  |
| PQ               |   | ASTM D8184   | >1250  | 52   | 40  |  |
| Iron             | ppm   | ASTM D5185m  | >750   | 127  | 47  |  |
| Chromium         | ppm   | ASTM D5185m  | >9   | <1   | <1  |  |
| Nickel           | ppm   | ASTM D5185m  | >10  | 0  | 0   |  |
| Titanium         | ppm   | ASTM D5185m  |  | <1   | <1  |  |
| Silver           | ppm   | ASTM D5185m  |  | 0  | 0   |  |
| Aluminum         | ppm   | ASTM D5185m  | >40  | 13   | 0   |  |
| Lead             | ppm   | ASTM D5185m  | >15  | 0  | 0   |  |
| Copper           | ppm   | ASTM D5185m  | >40  | 0  | 0   |  |
| Tin              | ppm   | ASTM D5185m  | >10  | <1   | 0   |  |
| Vanadium         | ppm   | ASTM D5185m  |  | 0  | 0   |  |
| White Metal      | scalar  | *Visual  | NONE   | NONE   | NONE  |  |
| Yellow Metal     | scalar  | *Visual  | NONE   | NONE   | NONE  |  |
| Silicon          | ppm   | ASTM D5185m  | >75  | 50   | 7   |  |
| Potassium        | ppm   | ASTM D5185m  | >20  | 2  | 2   |  |
| Water            |   | WC Method  | >0.075   | 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  | >0.075   | NEG  | NEG   |  |
| Sodium           | ppm   | ASTM D5185m  | >51  | 2  | 0   |  |
| Boron            | ppm   | ASTM D5185m  | 400  | 230  | 195   |  |
| Barium           | ppm   | ASTM D5185m  | 200  | 0  | 0   |  |
| Molybdenum       | ppm   | ASTM D5185m  | 12   | 3  | <1  |  |
| Manganese        | ppm   | ASTM D5185m  |  | 2  | <1  |  |
| Magnesium        | ppm   |  |  | 8  | 8   |  |
| Calcium          | ppm   |  |  | 28   | 27  |  |
| Phosphorus       | ppm   |  |  | 1409   | 1304  |  |
| Zinc             | ppm   |  |  |  | 28  |  |
|                  | ppm   |  |  | 28317  | 28284   |  |
| Visc @ 40°C      | cSt   | ASTM D445  | 183  | 106  |   | <br>SHERRY   |
|                  | Oil Age Filter Age Oil Changed Filter Changed Sample Status PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus | Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status  PQ Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Manganese ppm Magnesium ppm Phosphorus Zinc ppm Sulfur ppm Sulfur ppm | Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status  PQ ASTM D8184 Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Chromium ppm ASTM D5185m Titanium ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Sand/Dirt scalar *Visual | Oil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter Changed Sample StatusClient InfoPQASTM D8184>1250IronppmASTM D5185m>750ChromiumppmASTM D5185m>9NickelppmASTM D5185m>10TitaniumppmASTM D5185m>10SilverppmASTM D5185m>40LeadppmASTM D5185m>40LeadppmASTM D5185m>15CopperppmASTM D5185m>10VanadiumppmASTM D5185m>10VanadiumppmASTM D5185m>10VanadiumppmASTM D5185m>10VanadiumppmASTM D5185m>75White Metalscalar*VisualNONESiliconppmASTM D5185m>20WaterWC Method>0.075Siltscalar*VisualNONESand/Dirtscalar*VisualNONESand/Dirtscalar*VisualNORMLEmulsified Waterscalar*VisualNORMLEmulsified Waterscalar*VisualNORMLBoronppmASTM D5185m200MolybdenumppmASTM D5185m12ManganeseppmASTM D5185m12CalciumppmASTM D5185m150PhosphorusppmASTM D5185m125Sulfur <th>Oil Age         hrs         Client Info         500           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         Not Changed           Filter Changed         Client Info         Changed           Sample Status         NORMAL           PQ         ASTM D8184         &gt;1250         52           Iron         ppm         ASTM D5185m         &gt;750         127           Chromium         ppm         ASTM D5185m         &gt;9         &lt;1           Nickel         ppm         ASTM D5185m         &gt;9         &lt;1           Nickel         ppm         ASTM D5185m         &gt;10         0           Titanium         ppm         ASTM D5185m         &gt;40         13           Silver         ppm         ASTM D5185m         &gt;40         13           Lead         ppm         ASTM D5185m         &gt;40         0           Tin         ppm         ASTM D5185m         &gt;40         0           Tin         ppm         ASTM D5185m         &gt;10         &lt;1           Vanadium         ppm         ASTM D5185m         &gt;10         &lt;1           Vanadium         ppm         ASTM D5185m</th> <th>Oil Age         hrs         Client Info         500         500           Filter Age         hrs         Client Info         0         0           Oil Changed         Client Info         Not Changed         Changed           Filter Changed         Client Info         Changed         Changed           Sample Status         NORMAL         ATTENTION           PQ         ASTM D5185m         &gt;1250         52         40           Iron         ppm         ASTM D5185m         &gt;750         127         47           Chromium         ppm         ASTM D5185m         &gt;9         &lt;1         &lt;1           Nickel         ppm         ASTM D5185m         &gt;10         0         0           Nickel         ppm         ASTM D5185m         &gt;10         0         0           Silver         ppm         ASTM D5185m         &gt;40         0         0           Aluminum         ppm         ASTM D5185m         &gt;40         0         0           Copper         ppm         ASTM D5185m         &gt;40         0         0           Vanadium         ppm         ASTM D5185m         &gt;0         0         0           Vallow Metal         scala</th> | Oil Age         hrs         Client Info         500           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         Not Changed           Filter Changed         Client Info         Changed           Sample Status         NORMAL           PQ         ASTM D8184         >1250         52           Iron         ppm         ASTM D5185m         >750         127           Chromium         ppm         ASTM D5185m         >9         <1           Nickel         ppm         ASTM D5185m         >9         <1           Nickel         ppm         ASTM D5185m         >10         0           Titanium         ppm         ASTM D5185m         >40         13           Silver         ppm         ASTM D5185m         >40         13           Lead         ppm         ASTM D5185m         >40         0           Tin         ppm         ASTM D5185m         >40         0           Tin         ppm         ASTM D5185m         >10         <1           Vanadium         ppm         ASTM D5185m         >10         <1           Vanadium         ppm         ASTM D5185m | Oil Age         hrs         Client Info         500         500           Filter Age         hrs         Client Info         0         0           Oil Changed         Client Info         Not Changed         Changed           Filter Changed         Client Info         Changed         Changed           Sample Status         NORMAL         ATTENTION           PQ         ASTM D5185m         >1250         52         40           Iron         ppm         ASTM D5185m         >750         127         47           Chromium         ppm         ASTM D5185m         >9         <1         <1           Nickel         ppm         ASTM D5185m         >10         0         0           Nickel         ppm         ASTM D5185m         >10         0         0           Silver         ppm         ASTM D5185m         >40         0         0           Aluminum         ppm         ASTM D5185m         >40         0         0           Copper         ppm         ASTM D5185m         >40         0         0           Vanadium         ppm         ASTM D5185m         >0         0         0           Vallow Metal         scala |





Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

: LEC0048952 Lab Number : 06197025 Unique Number : 11059148

Received : 31 May 2024 **Tested** : 03 Jun 2024 Diagnosed : 04 Jun 2024 - Sean Felton

Test Package : CONST ( Additional Tests: PQ )

\* - 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)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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