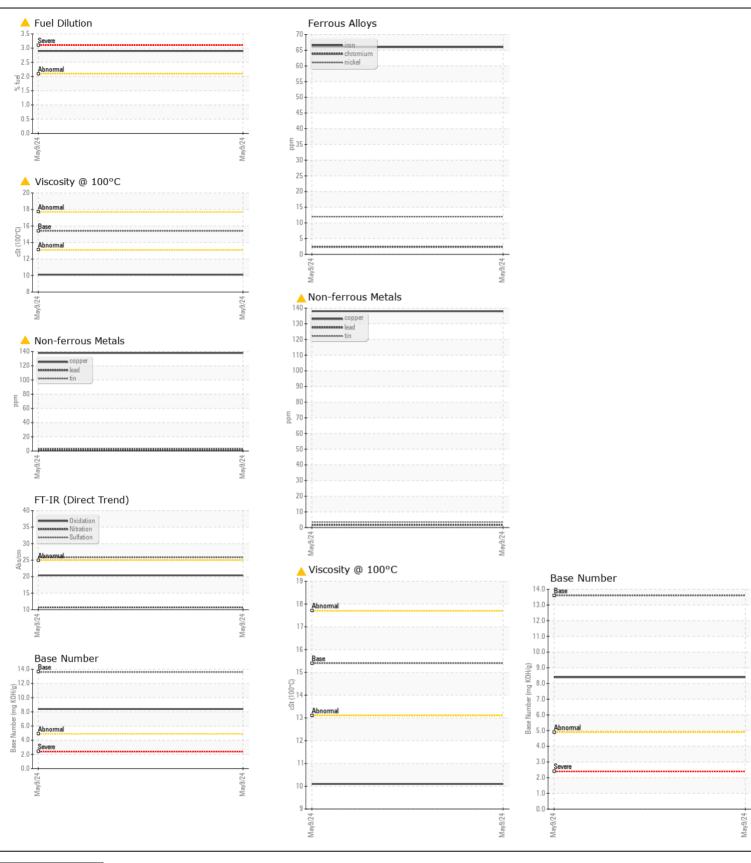
**WEAR** CONTAMINATION **FLUID CONDITION**  **ABNORMAL ABNORMAL ABNORMAL** 

Machine Id

## **JOHN DEERE 843L 1DW843LBCRL719387**

Component Diesel Engine

| Test                    | UOM  | Method  | Limit/Abn  | Current   | History1  | History2  |
|-------------------------|--|---|--|---|---|---|
| Sample Number           |  | Client Info   |  | WE0006802   |   |   |
| Sample Date             |  | Client Info   |  | 09 May 2024   |   |   |
| Machine Age             | hrs  | Client Info   |  | 683   |   |   |
| Oil Age                 | hrs  | Client Info   |  | 0   |   |   |
| Filter Age              | hrs  | Client Info   |  | 0   |   |   |
| Oil Changed             |  | Client Info   |  | Changed   |   |   |
| Filter Changed          |  | Client Info   |  | Changed   |   |   |
| Sample Status           |  |   |  | ABNORMAL  |   |   |
|                         |  |   |  |   |   |   |
|                         | • •  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   | >5   |   |   |   |
|                         |  |   | 0  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   | >4   |   |   |   |
|                         |  |   | NONE   |   |   |   |
|                         |  |   |  | _   |   |   |
| reliow ivietal          | Scalar   | visual  | NONE   | NONE  |   |   |
| Silicon                 | mqq  | ASTM D5185m   | >22  | 15  |   |   |
| Potassium               |  |   |  | 27  |   |   |
| Fuel                    |  |   |  |   |   |   |
| Water                   |  | WC Method   | >0.21  | NEG   |   |   |
| Glycol                  |  | WC Method   |  | NEG   |   |   |
| Soot %                  | %  | *ASTM D7844   | >3   | 0.8   |   |   |
| Nitration               | Abs/cm   | *ASTM D7624   | >20  | 10.7  |   |   |
| Sulfation               | Abs/.1mm   | *ASTM D7415   | >30  | 25.8  |   |   |
| Silt                    | scalar   | *Visual   | NONE   | NONE  |   |   |
| Debris                  | scalar   | *Visual   | NONE   | NONE  |   |   |
| Sand/Dirt               | scalar   | *Visual   | NONE   | NONE  |   |   |
| Appearance              | scalar   | *Visual   | NORML  | NORML   |   |   |
| Odor                    | scalar   | *Visual   | NORML  | NORML   |   |   |
| <b>Emulsified Water</b> | scalar   | *Visual   | >0.21  | NEG   |   |   |
|                         |  |   |  |   |   |   |
|                         | ppm  |   | >31  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
| -                       |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
|                         |  |   |  |   |   |   |
| Phosphorus              | ppm  | ASTM D5185m   |  | 880   |   |   |
|                         | ppm  | ASTM D5185m   |  | 1099  |   |   |
| Zinc                    |  | AOTH DE LOS   |  | 6-6-  |   |   |
| Sulfur                  | ppm  | ASTM D5185m   | 05   | 2789  |   |   |
|                         | ppm<br>Abs/.1mm  | *ASTM D7414   |  | 2789<br>20.4<br>8.4   |   |   |
|                         | Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium | Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status  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 Yellow Metal scalar Silicon ppm Fuel % Water Glycol Soot % % Nitration Abs/.1mm Silt scalar Sulfation Abs/.1mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium calcium ppm Calcium ppm Calcium ppm Calcium | Sample Number Sample Date Machine Age Oil Age hrs Client Info Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Fuel % ASTM D5185m Fuel % ASTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7415 Silt scalar *Visual Debris scalar *Visual Appearance scalar *Visual Sand/Dirt Scalar *Visual Appearance scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Magnesium ppm ASTM D5185m Magnesium ppm ASTM D5185m Magnesium ppm ASTM D5185m Magnesium ppm ASTM D5185m ASTM D5185m Magnesium ppm ASTM D5185m ASTM D5185m | Sample Number Sample Date Machine Age hrs Client Info Machine Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Client Info Filter Age hrs Client Info Client Info Client Info Filter Age hrs Client Info Client Info Client Info Filter Changed Sample Status  Iron ppm ASTM D5185m Sample Status  Iron ppm ASTM D5185m SIlver ppm ASTM D5185m Sand D5185m Sand D5185m Vanadium ppm ASTM D5185m Sand D5185m Abs/cm AsTM D7624 Sand NONE Sand/Dirt Scalar Visual NONE Sand/Dore Scalar Sodium Ppm ASTM D5185m Manganese Ppm ASTM D5185m Manganese Ppm ASTM D5185m Magnesium Ppm ASTM D5185m | Sample Number         Client Info         WE0006802           Sample Date         Client Info         09 May 2024           Machine Age         hrs         Client Info         683           Oil Age         hrs         Client Info         0           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         Changed           Filter Changed         Client Info         Changed           Sample Status         ASTM D5185m         51         66           Chromium         ppm         ASTM D5185m         >51         66           Chromium         ppm         ASTM D5185m         >11         2           Nickel         ppm         ASTM D5185m         >31         12           Nickel         ppm         ASTM D5185m         >31         12           Silver         ppm         ASTM D5185m         >31         12           Lead         ppm         ASTM D5185m | Sample Number   Sample Date   Client Info   09 May 2024 |





Certificate L2367

Laboratory Sample No.

Lab Number : 06178495

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WE0006802

Received Unique Number : 11029821

**Tested** Diagnosed

: 14 May 2024 : 16 May 2024

: 16 May 2024 - Sean Felton Test Package: CONST (Additional Tests: FuelDilution, PercentFuel, TBN)

WARRIOR TRACTOR AND EQUIPMENT - NORTHPORT P.O. BOX 412 NORTHPORT, AL

Contact/Location: CRAIG ANDOE - WARNOR

US 35476 Contact: CRAIG ANDOE serve01@warriortractor.com

T: (205)339-0300

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)