

WEAR CONTAMINATION FLUID CONDITION

ABNORMAL NORMAL NORMAL

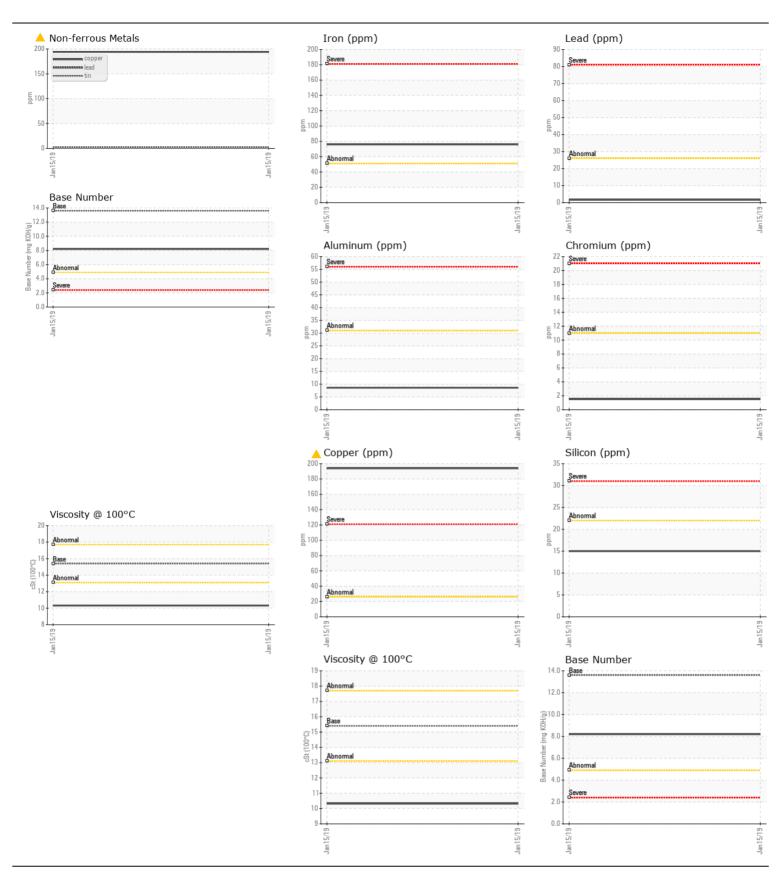


Store 4 - Fairmont

JOHN DEERE 950K 1T0950KPEJF333857

Component Diesel Engine

| | | | | / \ | | |
|----------------------------|--|--|--|---|--|--|
| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
| Sample Number | | Client Info | | LECP184200 | | |
| | | | | | | |
| 9 | | | | | | |
| • | | | | | | |
| _ | hrs | | | | | |
| | | | | | | |
| | | Client Info | | • | | |
| Sample Status | | | | ABNORMAL | | |
| Iron | ppm | ASTM D5185m | >51 | 76 | | |
| Chromium | | ASTM D5185m | >11 | 2 | | |
| Nickel | | | | 4 | | |
| Titanium | • • | ASTM D5185m | | <1 | | |
| Silver | | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | >31 | 9 | | |
| Lead | ppm | ASTM D5185m | >26 | 2 | | |
| Copper | ppm | ASTM D5185m | >26 | 194 | | |
| Tin | ppm | ASTM D5185m | >4 | <1 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| White Metal | scalar | *Visual | NONE | NONE | | |
| Yellow Metal | scalar | *Visual | NONE | NONE | | |
| Ciliaan | | ACTM DE10Em | . 00 | 46 | | |
| | • • | | | | | |
| | | | | | | |
| | 70 | | | | | |
| | | | >0.21 | | | |
| | 0/ | | . 2 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | _ | | |
| Odor | | | NORML | | | |
| | | *Visual | >0.21 | NEG | | |
| | | | | | | |
| Sodium | ppm | | >31 | 14 | | |
| Boron | ppm | ASTM D5185m | | 137 | | |
| Barium | ppm | | | 2 | | |
| Molybdenum | ppm | | | | | |
| - | | | | 2 | | |
| 0 | ppm | ASTM D5185m | | | | |
| | ppm | | | | | |
| · | ppm | | | | | |
| | ppm | | | | | |
| | ppm | | | | | |
| O ! al a 4! a .a | Abs/.1mm | *ASTM D7414 | >25 | 18 | | |
| Oxidation Base Number (BN) | | | | 8.2 | | |
| | 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 | 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/.mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm | Sample Number Sample Date Machine Age Oil Age hrs Client Info Eta *Visual | Sample Number Sample Date Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Client Info Oil Age Nrs Client Info Oil Changed Filter Age Oil Changed Client Info Sample Status Iron ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m | Sample Number Client Info LECP184200 Sample Date Client Info 15 Jan 2019 Machine Age hrs Client Info 545 Oil Age hrs Client Info 545 Filter Age hrs Client Info Changed Gillent Info Changed Changed Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >51 76 Chromium ppm ASTM D5185m >51 76 Chromium ppm ASTM D5185m >51 76 Nickel ppm ASTM D5185m >5 4 Titanium ppm ASTM D5185m >31 9 Lead ppm ASTM D5185m >31 9 Lead ppm ASTM D5185m >26 2 Copper ppm ASTM D5185m >26 2 Tin ppm ASTM D5185m </td <td> Sample Number Sample Date Client Info Sample Date Client Info 15 Jan 2019 Client Info S45 Client Info Changed Chromium ppm ASTM D5185m S11 2 Chromium ppm ASTM D5185m S11 S</td> | Sample Number Sample Date Client Info Sample Date Client Info 15 Jan 2019 Client Info S45 Client Info Changed Chromium ppm ASTM D5185m S11 2 Chromium ppm ASTM D5185m S11 S |







Certificate L2367

Unique Number

Laboratory Sample No. Lab Number

: LECP184200 : 04635043 : 8471478

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

: 23 Jan 2019 Diagnostician : Jonathan Hester

: 22 Jan 2019

Test Package : MOB1+ (Additional Tests: FuelDilution)

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)

LESLIE EQUIPMENT COMPANY

105 TENNIS CENTER DR. MARIETTA, OH US 45750-9765

Contact: LEANNE KENDALL KendalLeanne@lec1.com

T:

F: (740)373-5570