



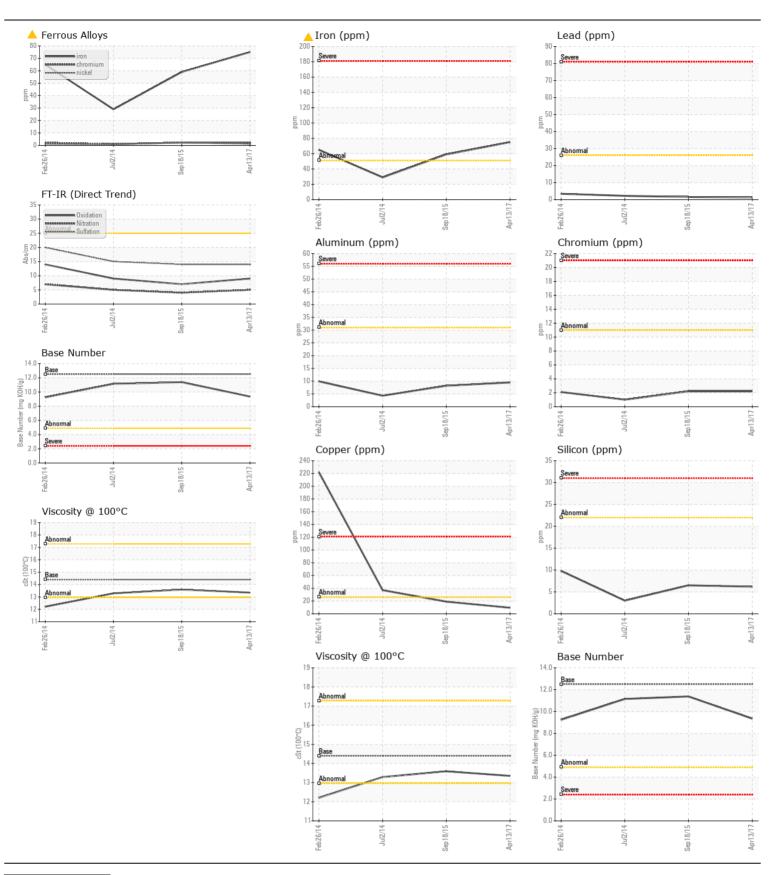
**WEAR CONTAMINATION FLUID CONDITION**  **ABNORMAL NORMAL NORMAL** 

## **Store 4 - Fairmont [60208]**

## **JOHN DEERE 180G 1FF180GXPCE020090**

Diesel Engine

PRECOMMENDATION  Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.  Test UOM Method Limit/Abn Current LECP171597 LECP18  Sample Number Sample Number Client Info Sample Date Changed Sample Status ABNORMAL NORM	0307 LECP1433 0015 02 Jul 20 915 361
Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.  Sample Date  Machine Age hrs Client Info  Oil Age hrs Client Info  Filter Age hrs Client Info  Oil Changed  Changed	015 02 Jul 20 915 361
at the next service interval to monitor.  Machine Age hrs Client Info 2025 1484  Oil Age hrs Client Info 541 569  Filter Age hrs Client Info Changed  Filter Changed Client Info Changed Changed  Filter Changed Client Info Changed Changed	915 361
Oil Age hrs Client Info 541 569 Filter Age hrs Client Info 541 569 Oil Changed Client Info Changed Change Filter Changed Client Info Changed Changed	361
Filter AgehrsClient Info541569Oil ChangedClient InfoChangedChangedFilter ChangedClient InfoChangedChanged	
Oil ChangedClient InfoChangedChangedFilter ChangedClient InfoChangedChanged	001
Filter Changed Client Info Changed Change	361
	_
	AL NORIVIE
<b>WEAR Iron</b> ppm ASTM D5185m >51	29
Chromium ppm ASTM D5185m >11 2 2	1
Cylinder, crank, or cam shaft wear is indicated.  Nickel ppm ASTM D5185m >5 1 2	<1
Titanium ppm ASTM D5185m <1 1	0
Silver ppm ASTM D5185m <b>0</b> 0	0
Aluminum         ppm         ASTM D5185m         >31         10         8	4
Lead         ppm         ASTM D5185m         >26         1         2	2
Copper         ppm         ASTM D5185m         >26         9         19	37
Tin         ppm         ASTM D5185m         >4         0         0	1
VanadiumppmASTM D5185m00	0
White Metal scalar *Visual NONE NONE NO	
Yellow Metal scalar *Visual NONE NONE NO	IE NON
CONTAMINATION Silicon ppm ASTM D5185m >22 <b>6</b> 6	3
	2
There is no indication of any contamination in the component.  Potassium   ppm   ASTM D5185m   >20   0   8  Fuel   WC Method   >2.1   <1.0   <1.0	
Water WC Method >0.21 NEG NE	
Glycol WC Method NEG NE	
Soot %	0.1
Nitration Abs/cm *ASTM D7624 5. 4.	5.
Sulfation Abs/.1mm *ASTM D7415 14. 14.	15.
Silt scalar *Visual NONE <b>NONE</b> NO	
Debris scalar *Visual NONE NONE NO	IE NON
Sand/Dirt scalar *Visual NONE NONE NO	IE NON
Appearance scalar *Visual NORML NO	ML NOR
Odor scalar *Visual NORML NORML NO	ML NOR
Emulsified Water   scalar   *Visual   >0.21   NEG   NE	NEG
ELUID CONDITION	_
FLUID CONDITION  Sodium ppm ASTM D5185m >31 6 6	5
The BN result indicates that there is suitable alkalinity remaining in the	34
oil The condition of the oil is suitable for further service	<1
Molybdenum ppm ASTM D5185m 250 43 53  Manganese ppm ASTM D5185m < <1 <1	83
	806
Magnesium         ppm         ASTM D5185m         0         839         775           Calcium         ppm         ASTM D5185m         2046         1288         133	
Phosphorus ppm ASTM D5185m 1043 987 984	1096
··	
Sulfur         ppm         ASTM D5185m         5012         2781         291	9.
Sulfur         ppm         ASTM D5185m         5012         2781         291	9. 8 11.15





Certificate L2367

Laboratory Sample No.

Lab Number : 04204824 Unique Number : 7768250

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : LECP171597 Received

**Tested** Diagnosed Test Package: MOB 2 (Additional Tests: PQ)

: 18 Apr 2017 : 20 Apr 2017

: 20 Apr 2017 - Don Baldridge

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

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