

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



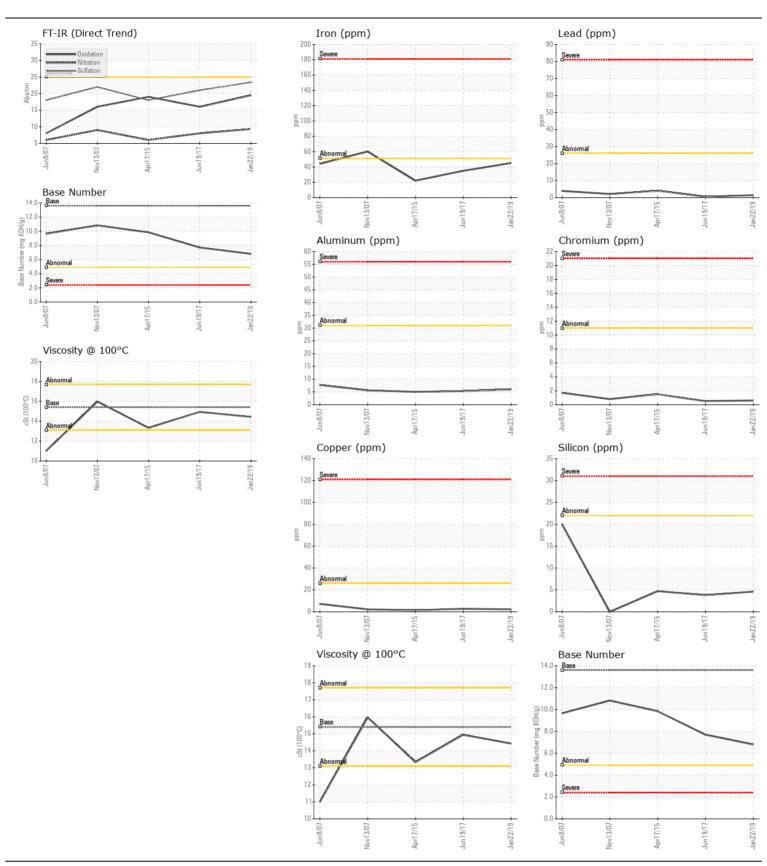
Store 4 - Fairmont

JOHN DEERE 650J T0650JX133890

Diesel Engine

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (15 QTS)

Sample Number Client Info LECP184081	History1	l liata m (O
Sample Number Client Info LECP184081		History2
December at the most conductive model to manife me	LECP174926	LECP156453
Resample at the next service interval to monitor. Sample Date Client Info 22 Jan 2019	19 Jun 2017	
· · · · · · · · · · · · · · · · · · ·	2766	2462
g and a second s	500	227
	500	227
	Changed	Changed
	Changed	Changed
	NORMAL	ATTENTION
WEAR Iron ppm ASTM D5185m >51 45	35	22
All component wear rates are normal	<1	2
All component wear rates are normal. Nickel ppm ASTM D5185m >5 1	1	<1
Titanium ppm ASTM D5185m 0	<1	3
Silver ppm ASTM D5185m 0	0	<1
Aluminum ppm ASTM D5185m >31 6	5	5
LeadppmASTM D5185m>261	<1	4
Copper ppm ASTM D5185m >26 2	3	1
Tin ppm ASTM D5185m >4 0	6	0
VanadiumppmASTM D5185m0	0	<1
White Metal scalar *Visual NONE NONE	NONE	NONE
Yellow Metal scalar *Visual NONE NONE NONE	NONE	NONE
CONTAMINATION Silicon ppm ASTM D5185m >22 5	4	5
Silicon ppm ASTM D5185m >22 5	3	<1
There is no indication of any contamination in the component. Fuel WC Method >2.1 <1.0	<1.0	<1.0
Water WC Method >0.21 NEG	NEG	NEG
Glycol WC Method NEG	NEG	NEG
Soot % % *ASTM D7844 >3 0.8	0.4	0.3
Nitration Abs/cm *ASTM D7624 >20 9.3	8.	6.
Sulfation Abs/.1mm *ASTM D7415 >30 23.4	21.	18.
Silt scalar *Visual NONE NONE	NONE	NONE
Debris scalar *Visual NONE NONE	NONE	NONE
Sand/Dirt scalar *Visual NONE NONE	NONE	NONE
Appearance scalar *Visual NORML NORML	NORML	NORML
Odor scalar *Visual NORML NORML	NORML	NORML
Emulsified Water scalar *Visual >0.21 NEG	NEG	NEG
FLUID CONDITION Sodium ppm ASTM D5185m >31 4	10	53
The DN result indicates that there is suitable ellectivity remaining in the	414	12
oil. The condition of the oil is suitable for further service	0	0
Molybdenum ppm ASIM D5185m 93	85	10
Manganese ppm ASTM D5185m <1	<1	<1
Magnesium ppm ASTM D5185m 390	412	38
Calcium ppm ASTM D5185m 1604	1675	2137
Phosphorus ppm ASTM D5185m 998	1096	821
Zinc ppm ASTM D5185m 1192	1290	1069
Sulfur ppm ASTM D5185m 2962	3263	892
Oxidation	16.	19.
Dood Number (DN) was (OH) A CTM DOODS 40 C	7.70	9.84
Base Number (BN) mg KOH/g	14.94	13.34







Certificate L2367

Laboratory Sample No.

: LECP184081 Lab Number : 04638125 Unique Number : 8474560 Test Package : MOB1+

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Jan 2019 **Tested** : 28 Jan 2019

Diagnosed : 28 Jan 2019 - Don Baldridge LESLIE EQUIPMENT COMPANY 105 TENNIS CENTER DR.

MARIETTA, OH US 45750-9765 Contact: LEANNE KENDALL

KendalLeanne@lec1.com T:

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)

Report Id: LESMAROH [WUSCAR] 04638125 (Generated: 07/11/2024 15:41:21) Rev: 1

Contact/Location: STORE 9 - MARIETTA - LEANNE KENDALL - LESMAROH

F: (740)373-5570