



OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

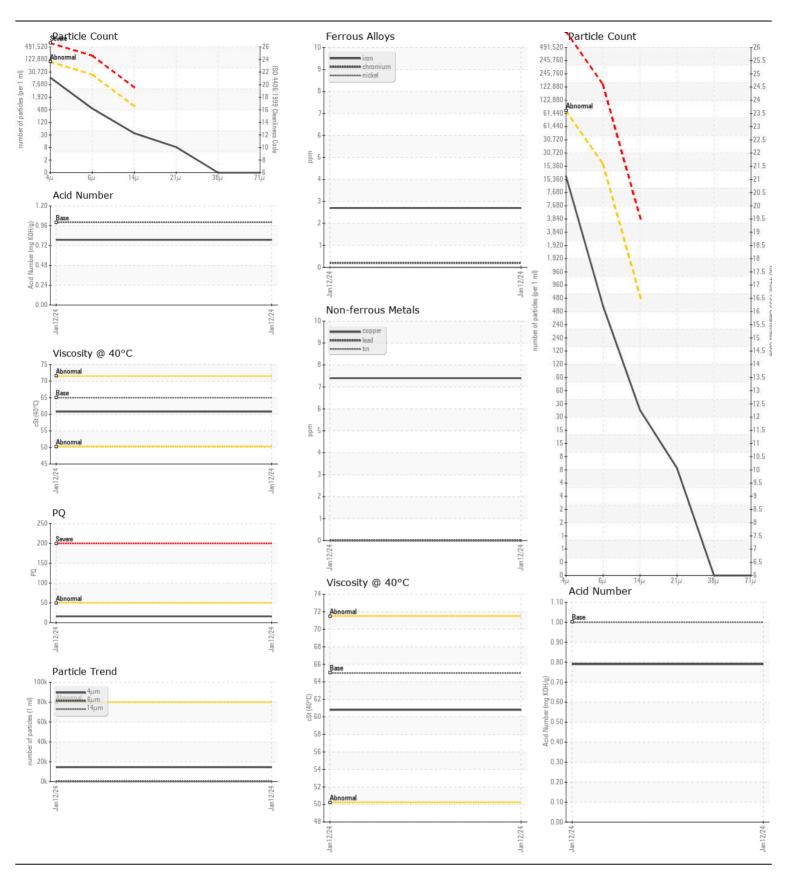


Store 2 - Beaver [RO#145892]

JOHN DEERE 1050K 1T01050KLKF353749

Component Hydraulic System

Toot	11014	Mothad	Limit/Abs	C	Liotomid	Llictor C
	UOIVI		LIIIIIVADN			History2
•						
	hre					
•						
	1110					
Sample Status				NORMAL		
PO		ASTM D8184	<u>-50</u>	16		
	nnm					
			70			
Aluminum			>9	0		
Lead				0		
				7		
Tin	ppm			0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>31	1		
Potassium		ASTM D5185m	>20	<1		
Water	1-1-			NEG		
Particles >4µm		ASTM D7647	>80000	14504		
Particles >6µm		ASTM D7647	>20000	489		
Particles >14µm		ASTM D7647	>640	32		
Particles >21µm		ASTM D7647	>160	7		
Particles >38µm		ASTM D7647	>40	0		
Particles >71µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>23/21/16	21/16/12		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual		NONE		
	scalar					
• •	scalar			-		
				-		
Emulsified Water	scalar	*Visual	>0.075	NEG		
Sodium	ppm		>21	<1		
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
	ppm					
	ppm					
Phosphorus	ppm			612		
7 !	ppm	ASTM D5185m	900	839		
Zinc						
Sulfur Acid Number (AN)	ppm mg KOH/g	ASTM D5185m ASTM D8045		1579 0.79		
	PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Particles >4µm Particles >6µm Particles >71µm Oil Cleanliness Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	Sample Number Sample Date Machine Age 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 Scalar Yellow Metal Scalar Particles >4µm Particles >51µm Particles >51µm Particles >71µm Oil Cleanliness Silt Sacalar Sand/Dirt Sacalar Sand/Dirt Sacalar Sodium Pom Boron Barium Manganese Magnesium Ppm Manganese Magnesium Ppm Marse Particles Ppm Ppm Manganese Magnesium Ppm Manganese Magnesium Ppm Manganese Magnesium Ppm Molybdenum Manganese Magnesium Calcium Ppm Ppm Molybdenum Ppm Manganese Magnesium Calcium Ppm Ppm Manganese Magnesium Ppm Calcium Ppm Molybdenum Ppm Manganese Magnesium Calcium Ppm Ppm Molybdenum Ppm Manganese Ppm Magnesium Calcium Ppm Calcium Ppm Molybdenum Ppm Manganese Ppm Magnesium Calcium Ppm Calcium Ppm Molybdenum Ppm Manganese Ppm Magnesium Calcium Ppm Manganese Ppm Magnesium Calcium	Sample Number Sample Date Machine Age Oil Age hrs Client Info Clie	Sample Number Sample Date Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status PQ ASTM D8184 >50 Iron ppm ASTM D5185m >23 Chromium ppm ASTM D5185m >5 Titanium ppm ASTM D5185m >5 Titanium ppm ASTM D5185m >9 Nickel ppm ASTM D5185m >9 Lead ppm ASTM D5185m >9 Lead ppm ASTM D5185m >51 Tin Ppm ASTM D5185m >52 Waiter Wisual NONE Silicon ppm ASTM D5185m >20 Water WC Method >0.075 Particles >4µm ASTM D5185m >20 Water WC Method >0.075 Particles >6µm ASTM D7647 >640 Particles >6µm ASTM D7647 >160 Particles >71µm ASTM D7647 >160 Particles >38µm ASTM D7647 >40 Particles >38µm ASTM D7647 >10 Oil Cleanliness Scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual N	Sample Number Client Info LEC0045410	Sample Number Client Info LEC0045410





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: 06060966 : 10832348

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 16 Jan 2024 : LEC0045410 Recieved Diagnosed : 17 Jan 2024

Diagnostician : Jonathan Hester

Test Package : CONST (Additional Tests: PQ) 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