



OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



Store 8 - Pikeville [RO#150389] JOHN DEERE 210G 1FF210GXCNF530264

Pump Drive

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)

Sample Number Sample Date		Client Info		LEC0048879	LEC0045639	
		011 11 1				
Maria Indiana America		Client Info		08 May 2024	23 Oct 2023	
Machine Age	hrs	Client Info		1061	610	
Oil Age	hrs	Client Info		1061	610	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Not Changd	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
PQ		ASTM D8184		16	13	
Iron	ppm	ASTM D5185m	>151	70	40	
Chromium	ppm	ASTM D5185m	>11	1	<1	
Nickel	ppm	ASTM D5185m	>10	0	<1	
Titanium	ppm	ASTM D5185m		<1	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>21	3	2	
Lead	ppm	ASTM D5185m	>51	<1	0	
Copper	ppm	ASTM D5185m	>51	1	<1	
Tin	ppm	ASTM D5185m	>4	0	0	
	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>31	16	14	
Potassium	ppm	ASTM D5185m	>20	3	<1	
Water		WC Method	>0.1	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual		NORML	NORML	
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
Sodium	ppm	ASTM D5185m	>51	6	1	
Boron	ppm	ASTM D5185m		59	57	
Barium	ppm	ASTM D5185m		0	5	
Molybdenum	ppm	ASTM D5185m		100	109	
Manganese	ppm	ASTM D5185m		2	2	
Magnesium	ppm	ASTM D5185m		0	23	
Calcium	ppm	ASTM D5185m		4047	4280	
Phosphorus	ppm			1130	1298	
Zinc	nnm	ASTM D5185m		1318	1472	
Sulfur	ppm	ASTM D5185m		9092	8845	
	Oil Changed Filter Changed Sample Status PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	Oil Changed Filter Changed Sample Status PQ Iron ppm Chromium ppm Nickel ppm Titanium ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Magnesium ppm Magnesium ppm Magnesium ppm Calcium ppm	Oil Changed Filter Changed Sample Status PQ ASTM D8184 Iron Pppm ASTM D5185m Chromium Ppm ASTM D5185m Titanium Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Vellow Metal Scalar Visual Silicon Ppm ASTM D5185m Vater VC Method Silt Scalar Visual Sand/Dirt Scalar Appearance Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Visual Sand/Dirt Scalar Appearance Scalar Scalar Scalar Appearance Scalar Appearance Scalar Scalar Appearance Scalar Appearance Scalar Appearance Scalar Appearance Scalar Appearance Scalar Appearance Scalar ASTM D5185m Boron ASTM D5185m Barium ASTM D5185m	Oil Changed Filter Changed Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m >11 Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Silver ppm ASTM D5185m Silver Aluminum ppm ASTM D5185m Silver Aluminum ppm ASTM D5185m Soluer ASTM D5185m Silver Aluminum ppm ASTM D5185m Soluer ASTM D5185m ASTM D51	Oil Changed Client Info Changed Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 16 Iron ppm ASTM D5185m >151 70 Chromium ppm ASTM D5185m >11 1 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >21 3 Lead ppm ASTM D5185m >51 <1	Oil Changed Filter Changed Client Info Changed N/A Not Changed N/A N/A N/A <t< td=""></t<>







Certificate L2367

Laboratory

Sample No.

Lab Number : 06176339 Unique Number : 11022392

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : LEC0048879

Received **Tested**

Diagnosed Test Package : CONST (Additional Tests: PQ)

: 13 May 2024 : 14 May 2024 - Sean Felton

: 10 May 2024

US 45750-9765 Contact: LEANNE KENDALL KendalLeanne@lec1.com

LESLIE EQUIPMENT COMPANY

T:

105 TENNIS CENTER DR.

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)

F: (740)373-5570

Submitted By: STORE 2 - BEAVER - CASEY TONEY

MARIETTA, OH