

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

Store 4 - Fairmont [152344]

JOHN DEERE 859M 1T0859MXJRL458097

Left Propel Gearbox

JOHN DEERE GL-5 80W90 (2 GAL)

Test Sample Number	UOM	Method	Limit/Abn	Current	History1	∐ioton/
Sample Number					Thotory	History2
		Client Info		LEC0049897		
Sample Date		Client Info		24 Jun 2024		
Machine Age	hrs	Client Info		762		
Oil Age	hrs	Client Info		762		
Filter Age	hrs	Client Info		762		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
PQ		ASTM D8184		259		
	maa		>1250			
Lead						
			NONE			
Silicon	ppm	ASTM D5185m		57		
Potassium	ppm	ASTM D5185m	>20	3		
Water			>0.2	NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Sodium	ppm	ASTM D5185m		4		
Boron	ppm	ASTM D5185m		504		
Barium	ppm	ASTM D5185m		21		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		8		
Magnesium	ppm	ASTM D5185m		987		
Calcium	ppm	ASTM D5185m		19		
Phosphorus	ppm	ASTM D5185m		1670		
Zinc	ppm	ASTM D5185m		9		
Sulfur	ppm	ASTM D5185m		26550		
Visc @ 40°C	cSt	ASTM D445		219		
	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 Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	Oil Age hrs Filter Age hrs 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 Silicon ppm Potassium ppm Water 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 Zinc ppm Sulfur ppm Sulfur ppm Sulfur ppm Sulfur ppm	Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status PQ ASTM D5185m Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Potassium ppm ASTM D5185m Water wC Method Silt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sodium ppm <th>Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >10 Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Lead ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Potassium ppm ASTM D5185m Potassium ppm ASTM D5185m Vanadium ppm ASTM D5185m ASTM D5185m Appearance scalar "Visual NONE Sand/Dirt scalar "Visual NONE Sand/Dirt scalar "Visual NONE Sand/Dirt scalar "Visual NORML Odor scalar "Visual NORML Odor scalar "Visual NORML Appearance scalar "Visual NORML Codor scalar "Visual NORML Appearance scalar "Visual NORML Appearance</th> <td>Oil Age hrs Client Info 762 Filter Age hrs Client Info 762 Oil Changed Client Info Changed Filter Changed Client Info Not Changed Sample Status NORMAL PQ ASTM D8184 259 Iron ppm ASTM D5185m >10 8 Iron ppm ASTM D5185m >10 0 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m 0 0 Aluminum ppm ASTM D5185m 0 0 Varaadium ppm ASTM D5185m 0</td> <td>Oil Age hrs Client Info 762 Filter Age hrs Client Info 762 Oil Changed Client Info Not Changed Filter Changed Client Info Not Changed Sample Status NORMAL PQ ASTM D5185m >1250 379 Iron ppm ASTM D5185m >10 8 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m 12 </td>	Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >10 Nickel ppm ASTM D5185m >10 Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Lead ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Potassium ppm ASTM D5185m Potassium ppm ASTM D5185m Vanadium ppm ASTM D5185m ASTM D5185m Appearance scalar "Visual NONE Sand/Dirt scalar "Visual NONE Sand/Dirt scalar "Visual NONE Sand/Dirt scalar "Visual NORML Odor scalar "Visual NORML Odor scalar "Visual NORML Appearance scalar "Visual NORML Codor scalar "Visual NORML Appearance	Oil Age hrs Client Info 762 Filter Age hrs Client Info 762 Oil Changed Client Info Changed Filter Changed Client Info Not Changed Sample Status NORMAL PQ ASTM D8184 259 Iron ppm ASTM D5185m >10 8 Iron ppm ASTM D5185m >10 0 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m 0 0 Aluminum ppm ASTM D5185m 0 0 Varaadium ppm ASTM D5185m 0	Oil Age hrs Client Info 762 Filter Age hrs Client Info 762 Oil Changed Client Info Not Changed Filter Changed Client Info Not Changed Sample Status NORMAL PQ ASTM D5185m >1250 379 Iron ppm ASTM D5185m >10 8 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m 12







Laboratory Sample No.

Lab Number : 06221545 Unique Number : 11099742

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : LEC0049897 : 26 Jun 2024 **Tested** : 27 Jun 2024

Diagnosed

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.

: 28 Jun 2024 - Don Baldridge Test Package : CONST (Additional Tests: PQ)

MARIETTA, OH US 45750-9765 Contact: LEANNE KENDALL

LESLIE EQUIPMENT COMPANY

KendalLeanne@lec1.com T:

105 TENNIS CENTER DR.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (740)373-5570