



**WEAR CONTAMINATION FLUID CONDITION** 

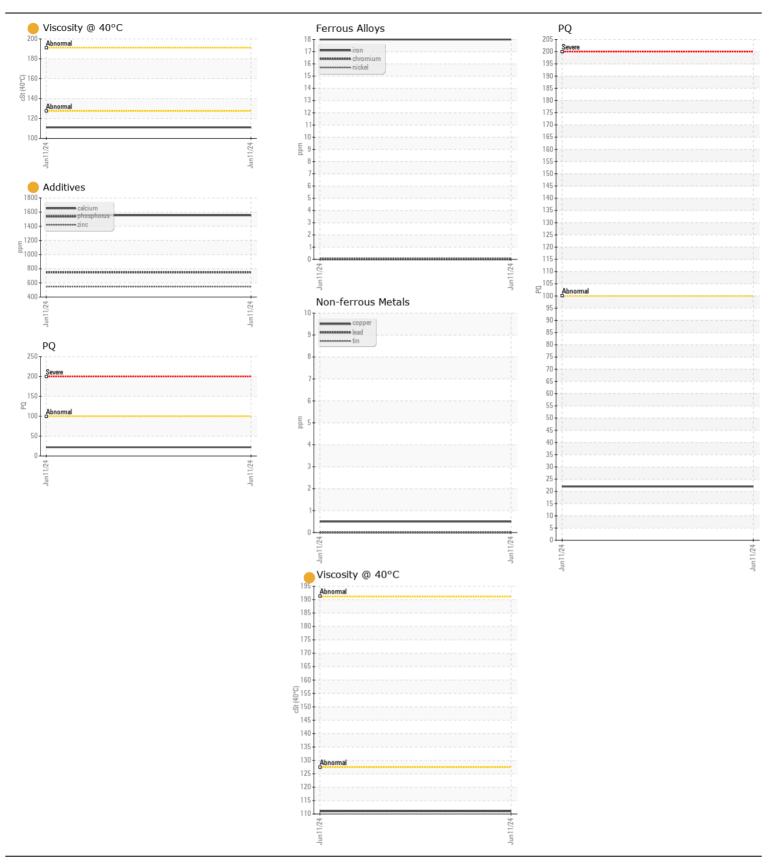
**NORMAL NORMAL ATTENTION** 

## Store 4 - Fairmont [RO# 151855] **JOHN DEERE 160P 1FF160PAAPF000446**

Swing Drive

JOHN DEERE GL-5 80W90 (2 GAL)

Test Sample Number Sample Date Machine Age Oil Age Filter Age	UOM	Method Client Info Client Info	Limit/Abn	Current LEC0048360	History1	History2
Sample Date Machine Age Oil Age	hrs			LEC0048360		
Machine Age Oil Age	hrs	Client Info				
Oil Age	hrs			11 Jun 2024		
_		Client Info		484		
Filter Age	hrs	Client Info		484		
	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		N/A		
Sample Status				ATTENTION		
PQ		ASTM D8184		22		
	ppm		>151			
			>21			
Tin				0		
Vanadium				0		
White Metal			NONE	NONE		
Yellow Metal		*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>31	11		
Potassium	ppm	ASTM D5185m	>20	2		
Water		WC Method		NEG		
Silt	scalar	*Visual				
Debris	scalar					
Emulsified Water	scalar	*Visual	>0.1	NEG		
Sodium	ppm	ASTM D5185m	>51	3		
Boron	ppm	ASTM D5185m		44		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		<b>44</b>		
Calcium	ppm	ASTM D5185m		<b>1554</b>		
Phosphorus	ppm	ASTM D5185m		748		
Zinc	ppm	ASTM D5185m		<b>547</b>		
Sulfur	ppm	ASTM D5185m		<u> </u>		
Visc @ 40°C	cSt	ASTM D445		111		
	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	Sample Status  PQ Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Phosphorus ppm Zinc ppm Sulfur ppm Sulfur ppm Sulfur ppm	PQ ASTM D8184 Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper 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	PQ ASTM D8184 Iron ppm ASTM D5185m >151 Chromium ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >21 Lead ppm ASTM D5185m >51 Copper ppm ASTM D5185m >51 Tin ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >20 Water Wc Method >0.1 Silicon ppm ASTM D5185m >20 Water Wc Method >0.1 Silt scalar *Visual NONE Debris scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NORML Codor scalar *Visual NORML Emulsified Water scalar *Visual NORML Sodium ppm ASTM D5185m >51 Boron ppm ASTM D5185m >51 Boron ppm ASTM D5185m Molybdenum ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Calcium ppm ASTM D5185m Calcium ppm ASTM D5185m Calcium ppm ASTM D5185m Phosphorus ppm ASTM D5185m Phosphorus ppm ASTM D5185m Zinc ppm ASTM D5185m	Sample Status         ATTENTION           PQ         ASTM D8184         22           Iron         ppm         ASTM D5185m         >151         18           Chromium         ppm         ASTM D5185m         >10         <1	Sample Status







Laboratory Sample No.

Lab Number : 06212013 Unique Number : 11084877

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : LEC0048360

Received **Tested** Diagnosed Test Package : CONST ( Additional Tests: PQ )

: 18 Jun 2024 : 19 Jun 2024 - Sean Felton

: 17 Jun 2024

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)

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