WEAR CONTAMINATION **FLUID CONDITION**

NORMAL NORMAL NORMAL

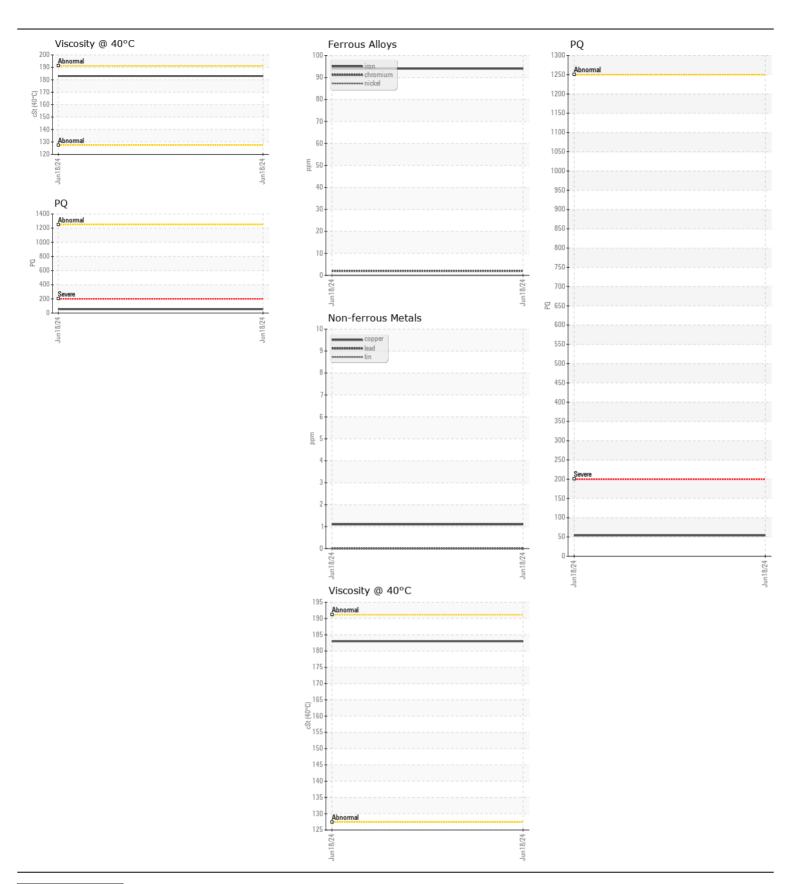
Machine Id

JOHN DEERE 135G 1FF135GXJKF501819

Left Final Drive

JOHN DEERE GL-5 80W90 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225728		
Sample Date		Client Info		18 Jun 2024		
Machine Age	hrs	Client Info		1675		
Oil Age	hrs	Client Info		1675		
Filter Age	hrs	Client Info		1675		
Oil Changed		Client Info				
		Client Info		N/A		
Sample Status				NORMAL		
PQ		ASTM D8184	>1250	54		
Iron	ppm	ASTM D5185m	>750	94		
Chromium	ppm	ASTM D5185m	>9	2		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm			<1		
Lead	ppm			0		
	ppm			1		
	ppm		>10			
			NONE			
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>75	38		
Potassium	ppm	ASTM D5185m	>20	8		
Water		WC Method	>0.075	NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Emuisined water	Scalar	visuai	>0.075	NEG		
Sodium	ppm	ASTM D5185m	>51	3		
Boron	ppm	ASTM D5185m		51		
Barium	ppm	ASTM D5185m		5		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		3		
-	ppm			1		
	ppm					
	ppm					
Zinc	ppm	ASTM D5185m		68		
Sulfur	ppm	ASTM D5185m		16332		
	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 Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed 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 Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Oil Age hrs Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status PQ ASTM D8184 Iron Ppm ASTM D5185m Chromium Ppm ASTM D5185m Titanium Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Lead Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Silicon Potassium Potassium Potassium Potassium Potassium 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 Appeara	Sample Number Sample Date Sample Date Machine Age Nrs Client Info Oil Age Nrs Client Info Filter Age Nrs Client Info Client Info Filter Age Nrs Client Info Oil Changed Client Info Filter Changed Sample Status PQ ASTM D8184 STM D5185m Pom ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D	Sample Number Client Info JR0225728 Sample Date Client Info 18 Jun 2024 Machine Age hrs Client Info 1675 Oil Age hrs Client Info 1675 Filter Age hrs Client Info Not Changd Filter Changed Client Info N/A Sample Status NA NORMAL PQ ASTM D8184 >1250 54 Iron ppm ASTM D8185m >750 94 Chromium ppm ASTM D8185m >9 2 Nickel ppm ASTM D5185m >40 <1	Sample Number Client Info JR0225728





Certificate L2367

Laboratory Sample No.

Lab Number : 06215012 Unique Number : 11087876

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0225728

Received : 19 Jun 2024 **Tested** : 20 Jun 2024

Diagnosed : 20 Jun 2024 - Wes Davis Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK 9107 OWENS DRIVE MANASSAS PARK, VA US 20111

Contact: DON VEST dvest@jamesriverequipment.com T: (703)631-8500

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: (703)631-4715 Contact/Location: DON VEST - JAMMAN