WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

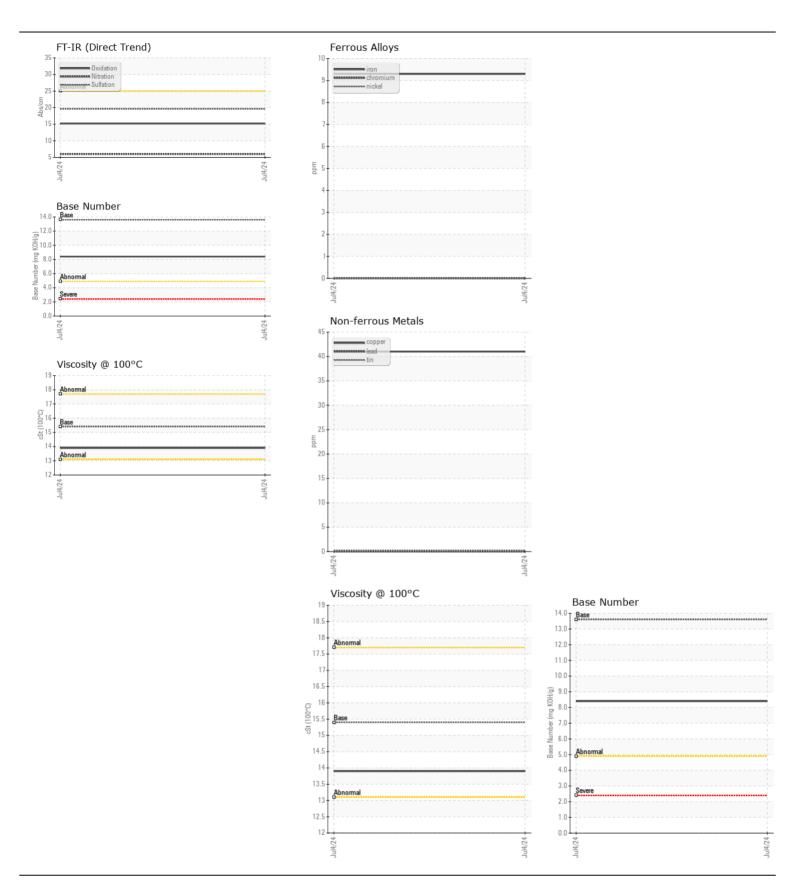
Machine Id

JOHN DEERE 333G NOT GIVEN JR0218138 - 672 HRS

Diesel Engine

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218138		
Sample Date		Client Info		04 Jul 2024		
Machine Age	hrs	Client Info		672		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
		Client Info		Changed		
Sample Status				NORMAL		
Iron	mag	ASTM D5185m	>51	9		
		ASTM D5185m	>11			
Nickel						
	• •		, ,			
			>3			
				-		
			NONE	-		
				_		
Silicon	ppm	ASTM D5185m	>22	13		
Potassium	ppm	ASTM D5185m	>20	2		
Fuel		WC Method	>2.1	<1.0		
Water		WC Method	>0.21	NEG		
Glycol		WC Method		NEG		
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	6.0		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.6		
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	>0.21	NEG		
Codium	nnm	ACTM DE10Em	. 01	2		
	• •		>01			
•						
-						
•						
			0.5			
Ovidation						
Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414 ASTM D2896		15.2 8.4		
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status 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 Fuel Water Glycol Soot % % Nitration Abs/:mm Silt scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium Calcium ppm Phosphorus Zinc ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Filter Age Oil Changed Filter Changed Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Silicon ppm ASTM D5185m Fuel WC Method Water WC Method Water WC Method Soot % % ASTM D7624 Sulfation Abs/.1mm ASTM D5185m Appearance Scalar *Visual Appearance Scalar Avisual Appearance Scalar Avisual Appearance Scalar Appearance ASTM D5185m Boron Barium ppm ASTM D5185m ASTM D5	Sample Number Sample Date Machine Age Nrs Client Info Machine Age Nrs Client Info Client Info Oil Age Nrs Client Info Client Info Filter Age Nrs Client Info Client Info Client Info Filter Age Oil Changed Client Info Filter Changed Sample Status Iron Ppm ASTM D5185m Nickel Ppm ASTM D5185m Silver Ppm ASTM D5185m Vanadium Ppm ASTM D5185m White Metal Scalar Visual NONE Vellow Metal Scalar Visual NONE Silicon Ppm ASTM D5185m VC Method Soot % % ASTM D5185m VC Method Soot % % ASTM D5185m Silver VC Method Soot % % ASTM D5185m Nitration Abs/cm Abs/lmm ASTM D5185m Silt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Scala	Sample Number Client Info JR0218138 Sample Date Client Info 04 Jul 2024 Machine Age hrs Client Info 672 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >51 Sample Status Ppm ASTM D5185m >51 Iron ppm ASTM D5185m >51 9 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >3 <1	Sample Number Client Info JR0218138 Sample Date Client Info 04 Jul 2024 Machine Age hrs Client Info 672 Oil Age hrs Client Info 0 Filter Age hrs Client Info Changed Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status NORMAL Iron ppm ASTM D5185m >51 9 Chromium ppm ASTM D5185m >51 9 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >3 <1







Certificate L2367

Laboratory Sample No.

: JR0218138 Lab Number : 06228251 Unique Number : 11111744

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Jul 2024 **Tested** : 08 Jul 2024

Diagnosed

: 08 Jul 2024 - Don Baldridge

JRE - SHELBY 703 N POST RD SHELBY, NC US 28150 Contact: LEVI BOWMAN

Test Package : CONST (Additional Tests: TBN) To discuss this sample report, contact Customer Service at 1-800-237-1369.

levi.bowman@jamesriverequipment.com T:

* - 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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