WEAR CONTAMINATION **FLUID CONDITION**

NORMAL SEVERE ABNORMAL

[W20956-QUINN]

JOHN DEERE 3025E 1LV3025EEHH103206

Component
Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0204400		
Sample Date		Client Info		02 Jan 2024		
Machine Age	hrs	Client Info		44		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				SEVERE		
	ppm					
	ppm					
			>5			
	ppm			_		
	ppm			-		
	ppm					
	ppm		>4			
				-		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	nnm	ASTM D5185m	-22	A 60		
	/0					
			70.21			
-	0/2		\3			
Sodium	ppm	ASTM D5185m	>31	4		
Boron	ppm	ASTM D5185m		196		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		182		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		519		
Calcium	ppm	ASTM D5185m		1459		
Phosphorus	ppm	ASTM D5185m		738		
Zinc	ppm	ASTM D5185m		891		
Sulfur	ppm	ASTM D5185m		2804		
Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414		15.9 8.4		
	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 Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	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 Soot % Nitration Sulfation Sulfation Silt Soot % Nitration Sulfation Silt Scalar Sand/Dirt Appearance Odor Scalar Emulsified Water Sodium Boron Barium Pom Manganese Magnesium Pom Pom Manganese Pom Pom Molybdenum Pom Manganese Pom Magnesium Pom Pom Pom Manganese Pom Manganese Pom Magnesium Pom Pom Pom Pom Pom Pom Pom Pom Pom Po	Sample Date Machine Age Oil Age hrs Client Info Client Info Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Ppm ASTM D5185m Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m White Metal Yellow Metal Scalar Yellow Metal Silicon Potassium Pom ASTM D5185m Potasual Sodiy Abs/.1mm ASTM D7415 Silt Scalar Visual Sand/Dirt Scalar Visual Sand/Dirt Scalar Visual Sand/Dirt Scalar Visual Sand/Dirt Scalar Scalar Visual Sand/Dirt Scalar Scalar Visual Sodium Pom ASTM D5185m Boron Pom ASTM D5185m Boron Pom ASTM D5185m ASTM D5185m Manganese Pom ASTM D5185m Manganese Pom ASTM D5185m Magnesium Pom ASTM D5185m AS	Sample Date Machine Age Machine Age Mrs Client Info Sample Status Iron ppm ASTM D5185m Sample Status Iron ppm ASTM D5185m Silver ppm ASTM D5185m Salt Lead ppm ASTM D5185m Salt Copper ppm ASTM D5185m Vanadium Ppm ASTM D5185m Salt Visual NONE Silicon ppm ASTM D5185m Salt Vanadium Ppm ASTM D5185m Salt Vanadium Ppm ASTM D5185m Salt Visual NONE Water WC Method Soot % ASTM D5185m Vanadiun Abs/cm ASTM D7624 Salt Salt Salar Visual NONE Sulfation Abs/cm Abs/cm ASTM D7644 Salt NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Appearance Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar Visual NONE Sand/Dirt Scalar Appearance	Sample Date Client Info 02 Jan 2024 Machine Age hrs Client Info 44 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status SEVERE Iron ppm ASTM D5185m >51 12 Chromium ppm ASTM D5185m >51 12 Chromium ppm ASTM D5185m >5 <1	Sample Date Machine Age hrs Client Info 02 Jan 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info Changed Oil Changed Client Info Changed Changed Sample Status SEVERE Oil Changed Oil Changed SEVERE Oil Changed SEVERE SEVERE Oil Changed SEVERE SEVERE





Laboratory Sample No. Unique Number : 10872788

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06085343

: JR0204400

Received **Tested**

Diagnosed Test Package: CONST (Additional Tests: FuelDilution, PercentFuel, TBN)

: 09 Feb 2024 : 13 Feb 2024 : 13 Feb 2024 - Jonathan Hester

JRE - BURKEVILLE 510 WEST COLONIAL DR BURKEVILLE, VA US 23922

Contact: RACHEL HARRIS RACHEL.HARRIS@JAMESRIVEREQUIPMENT.COM

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: (434)767-3774

Report Id: JAMBUR [WUSCAR] 06085343 (Generated: 02/13/2024 12:19:47) Rev: 1

Contact/Location: RACHEL HARRIS - JAMBUR

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