WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

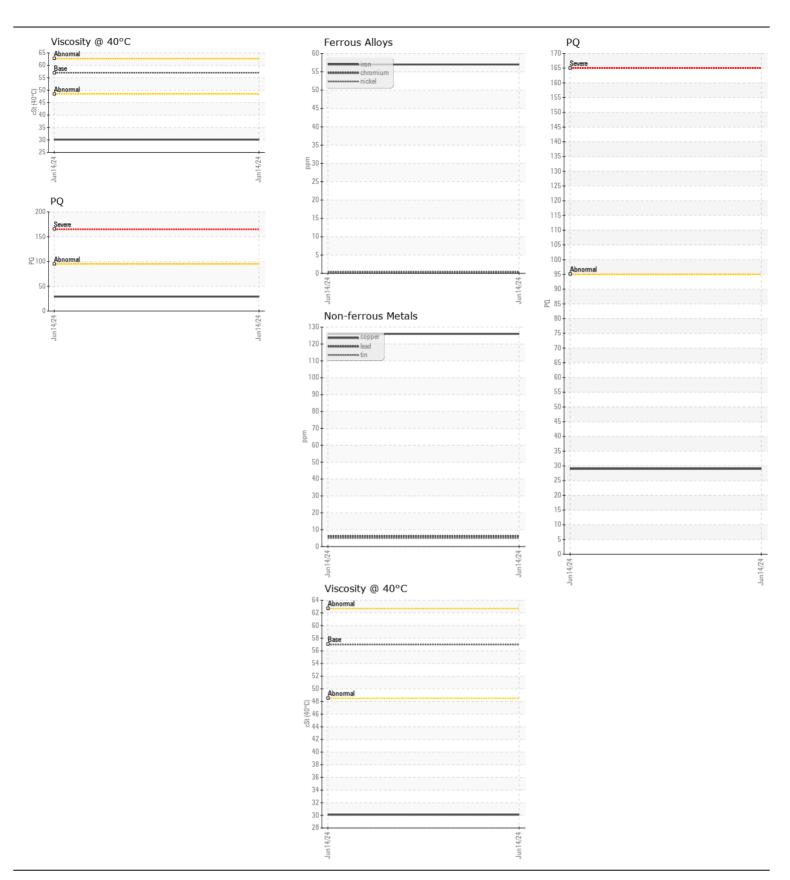
Machine Id

JOHN DEERE 4300 LV4300H33170

Transmission (Manual)

JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0215960		
Sample Date		Client Info		14 Jun 2024		
Machine Age	hrs	Client Info		592		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
DO.		ACTM DO104	٥٦	00		
			>5			
			_			
	ppm					
Copper	ppm					
Tin	ppm		>10	5		
Vanadium	ppm	ASTM D5185m				
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	nnm	ΔSTM D5185m	\125	12		
	ppiii					
	scalar					
Sodium	ppm	ASTM D5185m		8		
Boron	ppm	ASTM D5185m	6	15		
Barium	ppm	ASTM D5185m	0	1		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		7		
Magnesium	ppm	ASTM D5185m	145	73		
Calcium	ppm	ASTM D5185m	3570	3247		
Phosphorus	ppm	ASTM D5185m	1290	1034		
Zinc	ppm	ASTM D5185m	1640	1261		
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m	1640	1261 4080		
	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 Manganese Magnesium Calcium	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 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	Sample Number Sample Date Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Oil Changed Filter Age Oil Changed Filter Changed Filter Changed Iron Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Titanium Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Valual Silicon Potassium Ppm ASTM D5185m Vater WC Method Silt Scalar *Visual Pebris Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Aunum Appearance Scalar *Visual Appearance Scalar *Visual Appearance Scalar *Visual Appearance Scalar *Aunum Appearance Scalar *Visual Appearance Scalar *Visual Appearance Scalar *Aunum Appearance Scala	Sample Number Sample Date Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Sample Status PQ ASTM D8184 PQ Iron Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m Silver None ASTM D5185m Vanadium Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual None Silicon Ppm ASTM D5185m Silver Visual None Silicon Ppm ASTM D5185m Silver Visual None Silver Visual None Silver Visual None Silver Visual None Silver Appearance Scalar Visual None Sand/Dirt Scalar Visual None Sand/Dirt Scalar Avisual None Sand/Dirt Scalar Appearance Scalar Avisual None Sand/Dirt Scalar Avisual None Appearance Appearanc	Sample Number Client Info JR0215960 Sample Date Client Info 14 Jun 2024 Machine Age hrs Client Info 592 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 >95 29 Iron ppm ASTM D8185m >200 57 Chromium ppm ASTM D8185m >5 <1	Sample Number Client Info JR0215960 Sample Date Client Info 14 Jun 2024 Machine Age hrs Client Info 592 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 >95 29 Iron ppm ASTM D8185m >5 <1





Laboratory Sample No.

: JR0215960 Lab Number : 06211976 Unique Number : 11084840

Test Package : CONST (Additional Tests: PQ)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jun 2024 **Tested**

Diagnosed

: 19 Jun 2024 : 19 Jun 2024 - Sean Felton

JRE - STATESVILLE 635 MOCKSVILLE HWY STATESVILLE, NC

US 28625

T: (704)872-6411

Contact: MIKE CRANFILL MCRANFILL@JAMESRIVEREQUIPMENT.COM

* - 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)