WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL



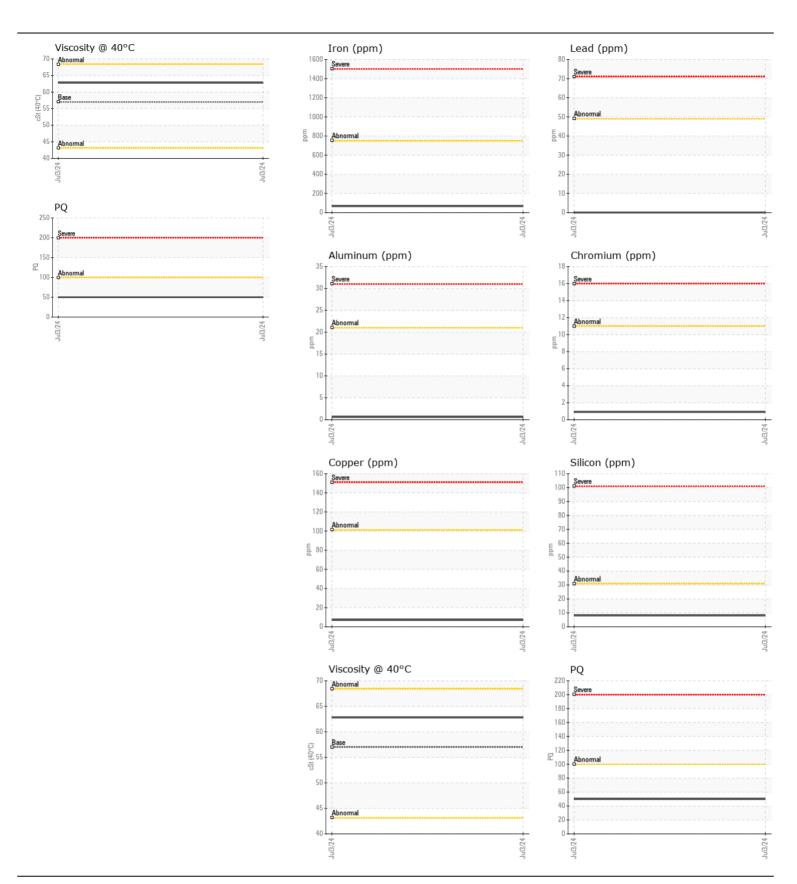
[W9142]

JOHN DEERE 444J DW444JZ610229

Rear Axle

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

naivo (G	ML)					
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0224041		
Sample Date		Client Info		03 Jul 2024		
Machine Age	hrs	Client Info		24232		
Oil Age	hrs	Client Info		24232		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
PO.		ACTM D0104		50		
	10.10.100		. 750			
			>10			
			04			
			>10			
			NIONIE			
Yellow Metal	scalar	"Visuai	NONE	NONE		
Silicon	ppm	ASTM D5185m	>31	8		
Potassium	ppm	ASTM D5185m	>20	<1		
Water		WC Method	>0.1	NEG		
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	>0.1	NEG		
Sodium	nnm	ASTM D5185m	>51	16		
Barium						
Molybdenum		ASTM D5185m	0			
-	ppm			2		
			145	10		
Calcium	ppm	ASTM D5185m		3353		
		ASTM D5185m		1141		
Phosphorus	ppm	ASTIVI DSTOSIII	1230	1171		
Phosphorus Zinc	ppm	ASTM D5185m				
	ppm ppm			1333 3564		
	Test 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	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 Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Magnesium ppm Magnesium ppm Magnesium ppm	Test UOM Method Sample Number Client Info 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 Client Info Sample Status 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 Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Sand/Dirt scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Magnese ppm ASTM D5185m Magnesium ppm ASTM D5185m	Test UOM Method Limit/Abn Sample Number Client Info 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 Client Info Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m >750 Chromium ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >10 Titanium ppm ASTM D5185m >21 Lead ppm ASTM D5185m >21 Lead ppm ASTM D5185m >101 Tin ppm ASTM D5185m >101 Tin ppm ASTM D5185m >10 Tin ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >31 Potassium ppm ASTM D5185m >20 Water WC Method >0.1 Silt scalar *Visual NONE Sand/Dirt scalar	Test UOM Method Limit/Abn Current Sample Number Client Info JR0224041 Sample Date Client Info 03 Jul 2024 Machine Age hrs Client Info 24232 Oil Age hrs Client Info 0 Filter Age hrs Client Info Not Changd Filter Changed Client Info N/A Sample Status NORMAL NORMAL PQ ASTM D81884 NORMAL Iron ppm ASTM D5185m >750 67 Chromium ppm ASTM D5185m >11 <1	Test





Laboratory Sample No.

: JR0224041 Lab Number : 06231658

Unique Number : 11115151

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

Received **Tested** Diagnosed

: 09 Jul 2024 : 10 Jul 2024 : 11 Jul 2024 - Don Baldridge

5039 HWY 301 SOUTH HOPE MILLS, NC

US 28348 Contact: FAYETTEVILLE SHOP

Test Package : MOBCE (Additional Tests: PQ) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

stephen.mullis@jamesriverequipment.com;canastasio@wearcheck.com T:

JRE - HOPE MILLS/FAYETTEVILLE

* - 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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