WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

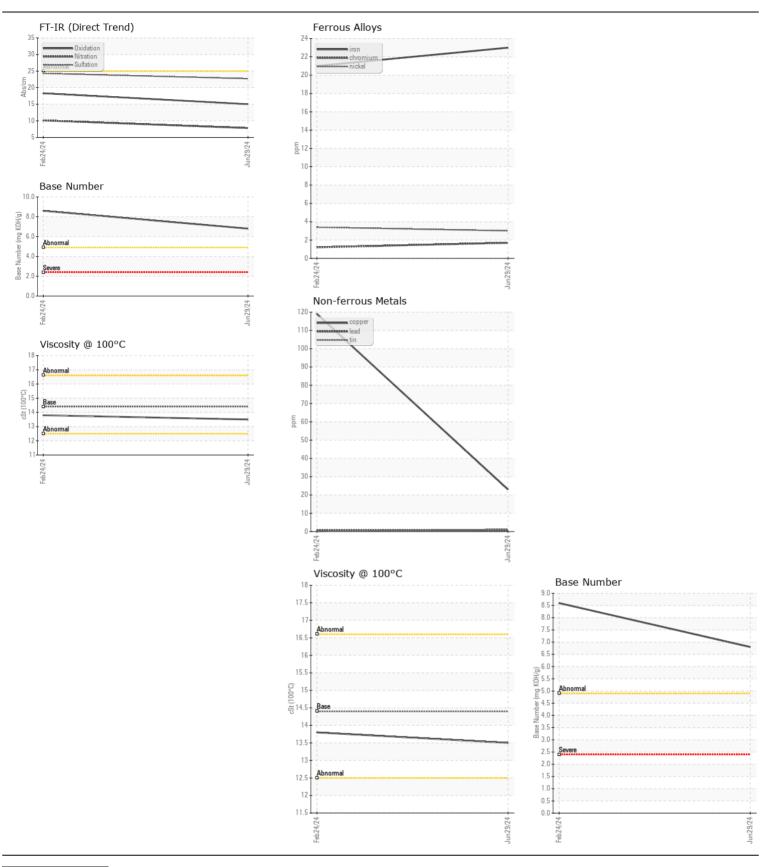
Machine Id

JOHN DEERE 648L 648L-2

Diesel Engine

CHEVRON 15W40 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	Historv1	History2
Sample Number				WE0007492	WE0005332	
				29 Jun 2024		
	hrs					
•						
	0					
_		Chorte into		_		
	ppm					
	ppm				·	
	ppm		>5			
	ppm			1	<1	
	ppm					
Aluminum	ppm	ASTM D5185m	>31	4	4	
Lead	ppm			<1	<1	
Copper	ppm			23	<u></u> 119	
Tin	ppm	ASTM D5185m	>4	1	0	
Vanadium	ppm	ASTM D5185m		<1	<1	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>22	10	10	
	pp					
			7 U.L.			
	0/2		\3			
Emulsified Water	scalar	*Visual	>0.21	NEG	NEG	
Sodium	ppm	ASTM D5185m	>50	4	5	
Boron	ppm	ASTM D5185m		208	116	
Barium	ppm	ASTM D5185m		0	1	
Molybdenum	ppm	ASTM D5185m		111	247	
Manganese	ppm	ASTM D5185m		2	2	
Magnesium	ppm	ASTM D5185m		476	879	
Calcium	ppm	ASTM D5185m		1463	1463	
Calcium	e e m			1059	773	
	mqq	MCQ1CA IN1 CH				
Phosphorus	mqq	ASTM D5185m ASTM D5185m			1145	
Phosphorus Zinc	ppm	ASTM D5185m		1324	1145 3276	
Phosphorus Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m	>25	1324 3208	3276	
Phosphorus Zinc	ppm ppm Abs/.1mm	ASTM D5185m ASTM D5185m *ASTM D7414	>25	1324		
	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	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 Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/cm Sulfation Abs/cm Sulfation Scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info ASTM D5185m ASTM	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Filter Age Client Info Filter Changed Sample Status Iron ppm ASTM D5185m Silver ppm ASTM D5185m S26 Copper ppm ASTM D5185m S26 Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Vone Vellow Metal Scalar Visual NONE Silicon ppm ASTM D5185m S20 Potassium ppm ASTM D5185m S20 Fuel WC Method Soot % ASTM D7844 S3 Nitration Abs/.mm *ASTM D7624 S20 Sulfation Abs/.mm *ASTM D7844 S3 NONE Appearance Scalar *Visual NONE	Sample Number Client Info WE0007492 Sample Date Client Info 29 Jun 2024 Machine Age hrs Client Info 1889 Oil Age hrs Client Info 500 Filter Age hrs Client Info Changed Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >51 23 Chromium ppm ASTM D5185m >1 2 Nickel ppm ASTM D5185m >5 3 -1 Nickel ppm ASTM D5185m >3 -1 -1 2 Nickel ppm ASTM D5185m >3 -1 <td< td=""><td>Sample Number Sample Date Client Info WE0007492 29 Jun 2024 24 Feb 2024 WE0005332 24 Feb 2024 24 Feb 2024 Machine Age hrs Client Info 1889 1230 Oil Age hrs Client Info 500 500 500 Filter Age hrs Client Info Changed Changed</td></td<>	Sample Number Sample Date Client Info WE0007492 29 Jun 2024 24 Feb 2024 WE0005332 24 Feb 2024 24 Feb 2024 Machine Age hrs Client Info 1889 1230 Oil Age hrs Client Info 500 500 500 Filter Age hrs Client Info Changed Changed





Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06229686

: WE0007492

Received **Tested** Unique Number : 11113179 Diagnosed Test Package : CONST (Additional Tests: TBN)

: 09 Jul 2024 : 09 Jul 2024 - Wes Davis

: 08 Jul 2024

66 INDUSTRIAL PARK DR MONROEVILLE, AL US 36460

WARRIOR TRACTOR AND EQUIPMENT - MONROEVILLE

Contact: SCOTT WILLIAMSON swilliamson@warriortractor.com T: (251)575-7111

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)

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