



Area

[W22707-TRIPLE W]

Machine Id

JOHN DEERE 700L 1T0700LXCPF448464

Component

Diesel Engine

Fluid

{not provided} (--- GAL)

RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225854	---	---
Sample Date		Client Info		11 Jul 2024	---	---
Machine Age	hrs	Client Info		296	---	---
Oil Age	hrs	Client Info		296	---	---
Filter Age	hrs	Client Info		296	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

WEAR

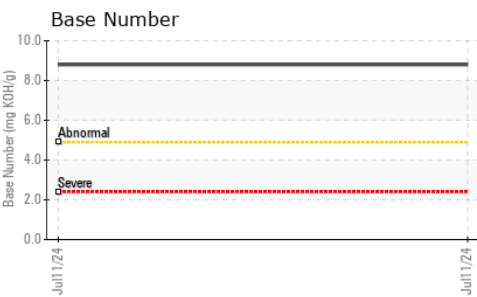
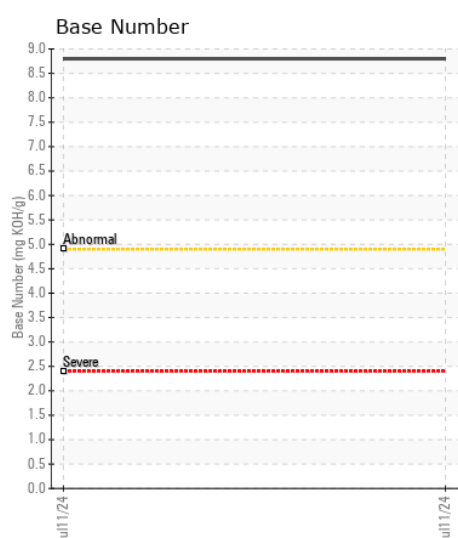
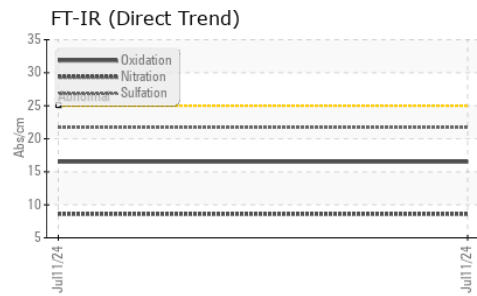
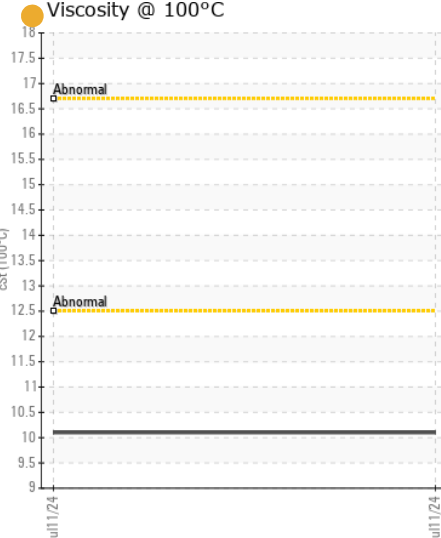
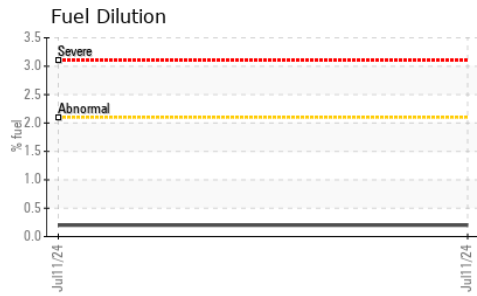
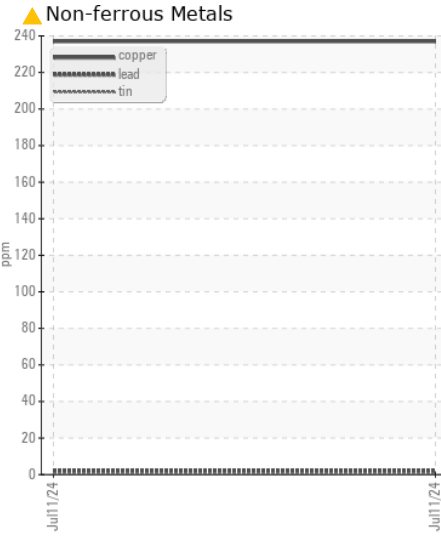
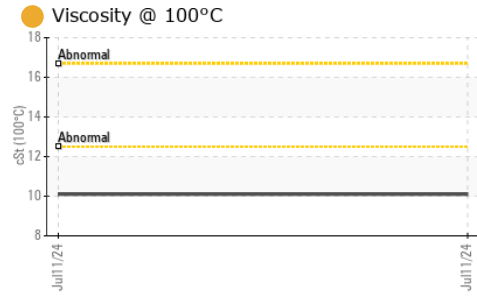
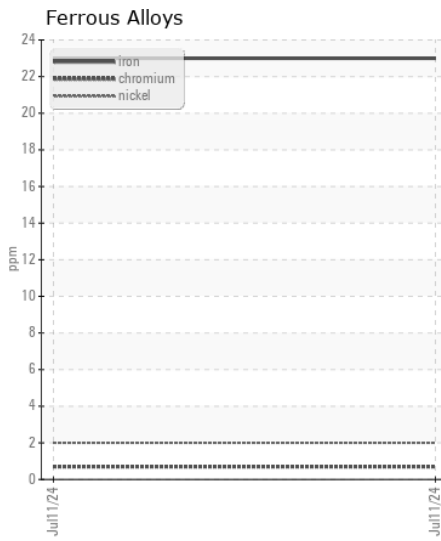
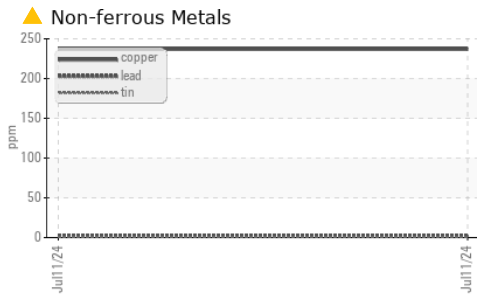
Iron	ppm	ASTM D5185m	>51	23	---	---
Chromium	ppm	ASTM D5185m	>11	<1	---	---
Nickel	ppm	ASTM D5185m	>5	2	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>3	0	---	---
Aluminum	ppm	ASTM D5185m	>31	4	---	---
Lead	ppm	ASTM D5185m	>26	2	---	---
Copper	ppm	ASTM D5185m	>26	▲ 237	---	---
Tin	ppm	ASTM D5185m	>4	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

Silicon	ppm	ASTM D5185m	>22	11	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Fuel	%	ASTM D3524	>2.1	0.2	---	---
Water		WC Method	>0.21	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	*ASTM D7844	>3	0.2	---	---
Nitration	Abs/cm	*ASTM D7624	>20	8.6	---	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.7	---	---
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	---	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m	>31	5	---	---
Boron	ppm	ASTM D5185m		237	---	---
Barium	ppm	ASTM D5185m		4	---	---
Molybdenum	ppm	ASTM D5185m		260	---	---
Manganese	ppm	ASTM D5185m		5	---	---
Magnesium	ppm	ASTM D5185m		863	---	---
Calcium	ppm	ASTM D5185m		1627	---	---
Phosphorus	ppm	ASTM D5185m		998	---	---
Zinc	ppm	ASTM D5185m		1112	---	---
Sulfur	ppm	ASTM D5185m		3669	---	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.5	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		8.8	---	---
Visc @ 100°C	cSt	ASTM D445		● 10.1	---	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0225854 **Received** : 15 Jul 2024
Lab Number : 06237439 **Tested** : 18 Jul 2024
Unique Number : 11126273 **Diagnosed** : 18 Jul 2024 - Jonathan Hester
Test Package : CONST (Additional Tests: FuelDilution, PercentFuel, TBN)

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

Certificate L2367 **Contact: BRANDON BOLLING**
 To discuss this sample report, contact Customer Service at 1-800-237-1369. bbolling@jamesriverequipment.com
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (434)767-5578
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (434)767-3774