MOB

James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W9034]
Machine Id
JOHN DEERE 260E 1DW260ETJNF716100
Component
Front Differential
Fluid
JOHN DEERE HY-GARD HYD/TRANS (10 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please note that this is a corrected copy. (Customer Sample Comment: W9034)

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

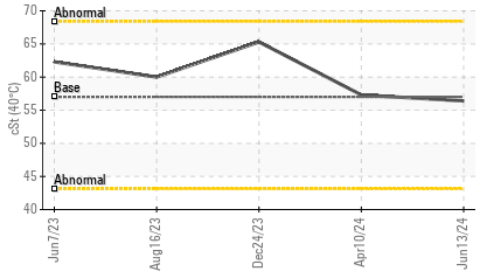
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0196929	JR0197179	JR0194511
Sample Date		Client Info		13 Jun 2024	10 Apr 2024	24 Dec 2023
Machine Age	hrs	Client Info		2558	2248	1752
Oil Age	hrs	Client Info		310	2248	0
Filter Age	hrs	Client Info		310	1200	0
Oil Changed		Client Info		Not Changd	Changed	N/A
Filter Changed		Client Info		Not Changd	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184		45	247	17
Iron	ppm	ASTM D5185m	>500	60	340	<1
Chromium	ppm	ASTM D5185m	>10	<1	3	0
Nickel	ppm	ASTM D5185m	>10	2	11	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	4	<1
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>100	26	141	0
Tin	ppm	ASTM D5185m	>10	1	9	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	5	16	6
Potassium	ppm	ASTM D5185m	>20	2	0	0
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		4	16	0
Boron	ppm	ASTM D5185m	6	16	82	48
Barium	ppm	ASTM D5185m	0	0	4	0
Molybdenum	ppm	ASTM D5185m	0	8	18	40
Manganese	ppm	ASTM D5185m		5	35	0
Magnesium	ppm	ASTM D5185m	145	106	107	217
Calcium	ppm	ASTM D5185m	3570	2940	3342	2857
Phosphorus	ppm	ASTM D5185m	1290	997	1152	1014
Zinc	ppm	ASTM D5185m	1640	1171	1333	1181
Sulfur	ppm	ASTM D5185m		3695	4003	3314
Visc @ 40°C	cSt	ASTM D445	57.0	56.4	57.3	65.3

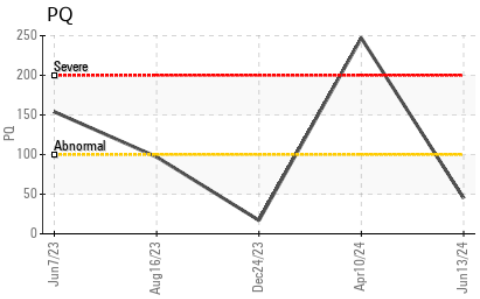
Report Id: RWMFAY [WUSCAR] 06212049 (Generated: 06/19/2024 15:51:53) Rev: 2

Submitted By: Justin Jackson

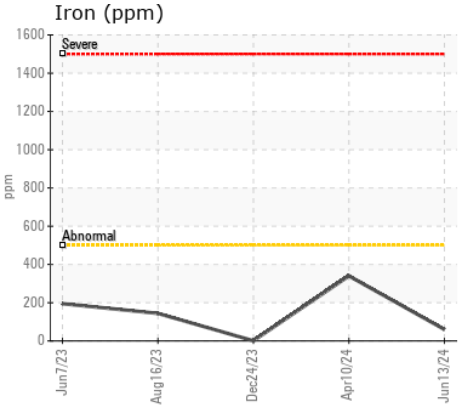
Viscosity @ 40°C



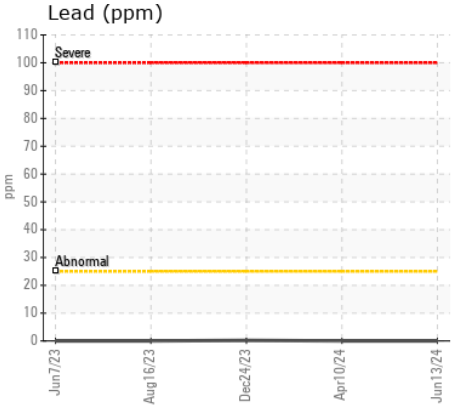
PQ



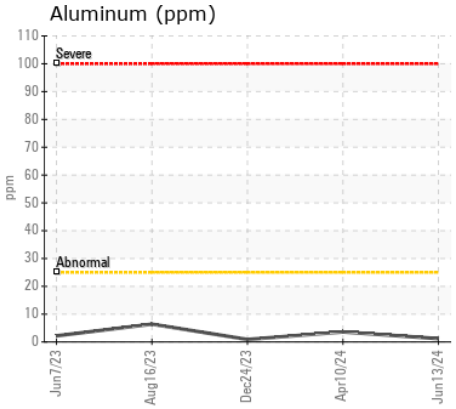
Iron (ppm)



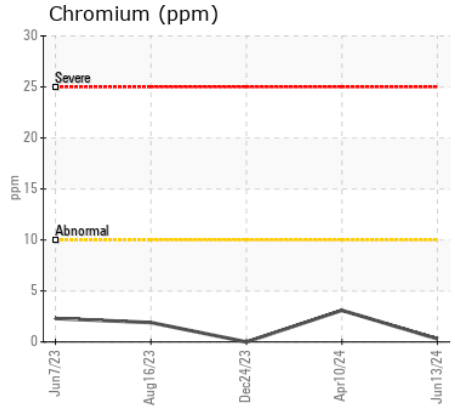
Lead (ppm)



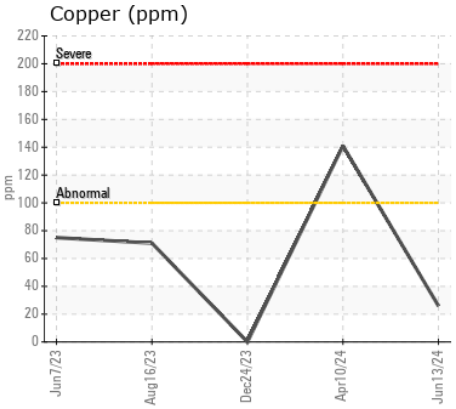
Aluminum (ppm)



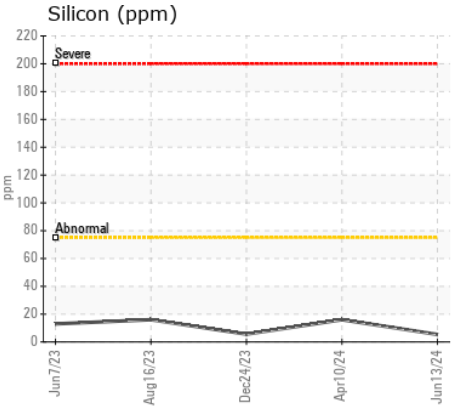
Chromium (ppm)



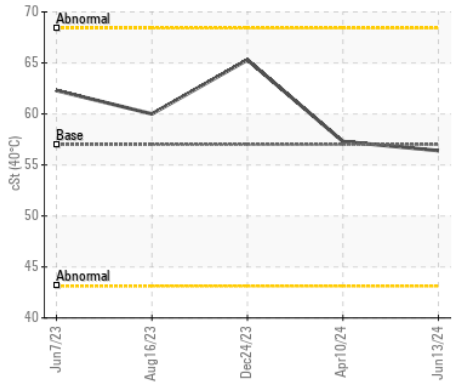
Copper (ppm)



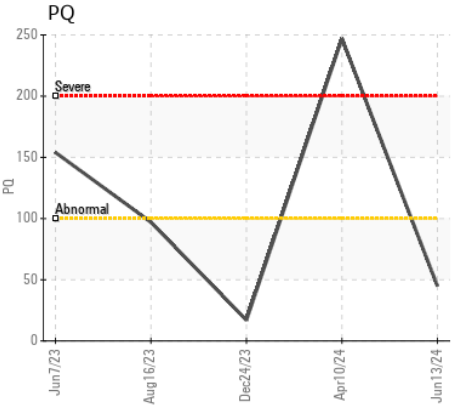
Silicon (ppm)



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0196929
Lab Number : 06212049
Unique Number : 11084913
Test Package : MOBCE (Additional Tests: PQ)

Received : 17 Jun 2024
Tested : 18 Jun 2024
Diagnosed : 19 Jun 2024 - Sean Felton

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)

JRE - HOPE MILLS/FAYETTEVILLE
5039 HWY 301 SOUTH
HOPE MILLS, NC
US 28348
Contact: FAYETTEVILLE SHOP
stephen.mullis@jamesriverequipment.com;canastasio@wearcheck.com
T:
F: