



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 300D 1DW300DXJEE660577
Component
Transmission
Fluid
{not provided} (7 QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

Moderate concentration of visible metal present. All component wear rates are normal.

CONTAMINATION

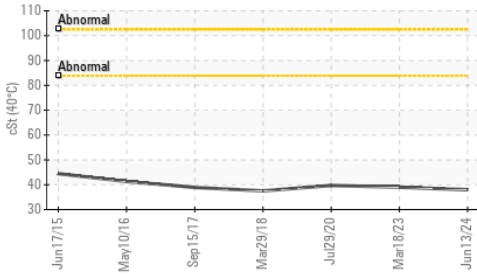
There is no indication of any contamination in the fluid.

FLUID CONDITION

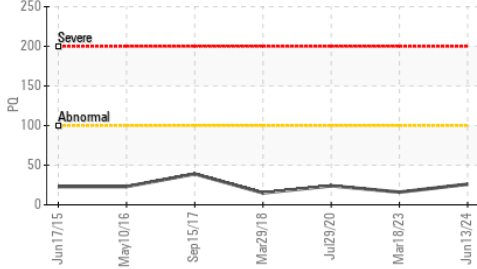
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213172	JR0158118	JR0047520
Sample Date		Client Info		13 Jun 2024	18 Mar 2023	29 Jul 2020
Machine Age	hrs	Client Info		8984	8026	6009
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL
PQ		ASTM D8184	>100	26	16	24
Iron	ppm	ASTM D5185m	>61	25	25	18
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		2	2	2
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	32	34	29
Lead	ppm	ASTM D5185m	>9	<1	<1	1
Copper	ppm	ASTM D5185m	>100	7	8	9
Tin	ppm	ASTM D5185m	>3	2	3	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	▲ MODER	▲ MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>21	9	8	10
Potassium	ppm	ASTM D5185m	>20	21	26	38
Water		WC Method	>0.075	NEG	NEG	NEG
Glycol	%	*ASTM D2982		---	---	0.0
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	LIGHT
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	>0.075	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>30	20	21	35
Boron	ppm	ASTM D5185m		114	120	110
Barium	ppm	ASTM D5185m		0	2	0
Molybdenum	ppm	ASTM D5185m		4	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		15	1	<1
Calcium	ppm	ASTM D5185m		71	40	44
Phosphorus	ppm	ASTM D5185m		307	270	252
Zinc	ppm	ASTM D5185m		31	15	11
Sulfur	ppm	ASTM D5185m		481	543	792
Visc @ 40°C	cSt	ASTM D445		38.0	39.0	39.7

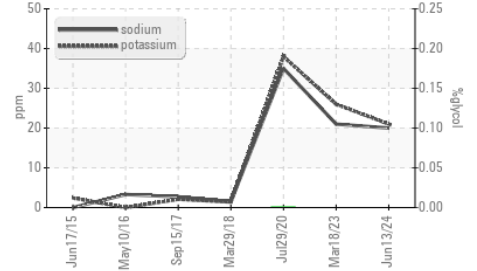
Viscosity @ 40°C



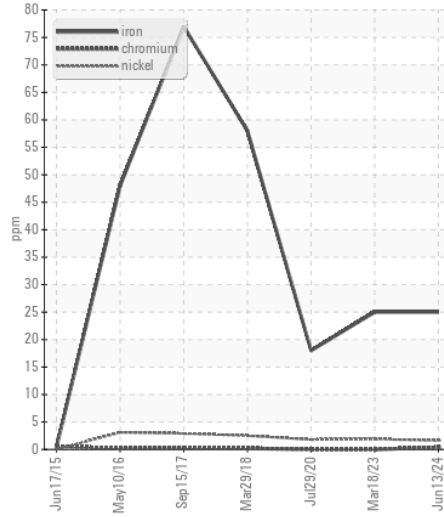
PQ



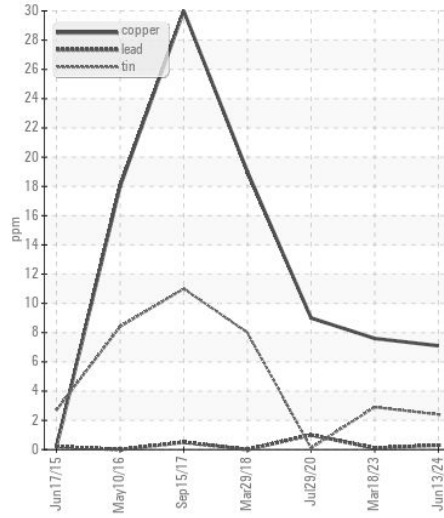
Glycol Contamination



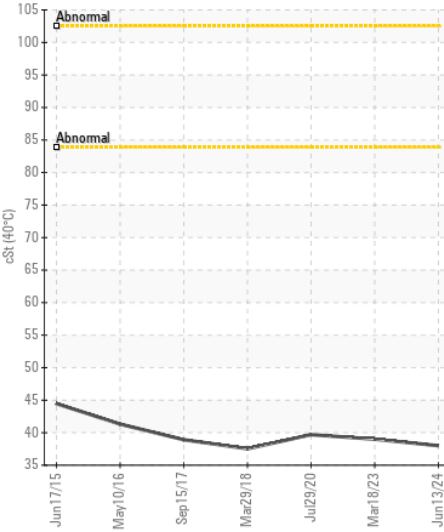
Ferrous Alloys



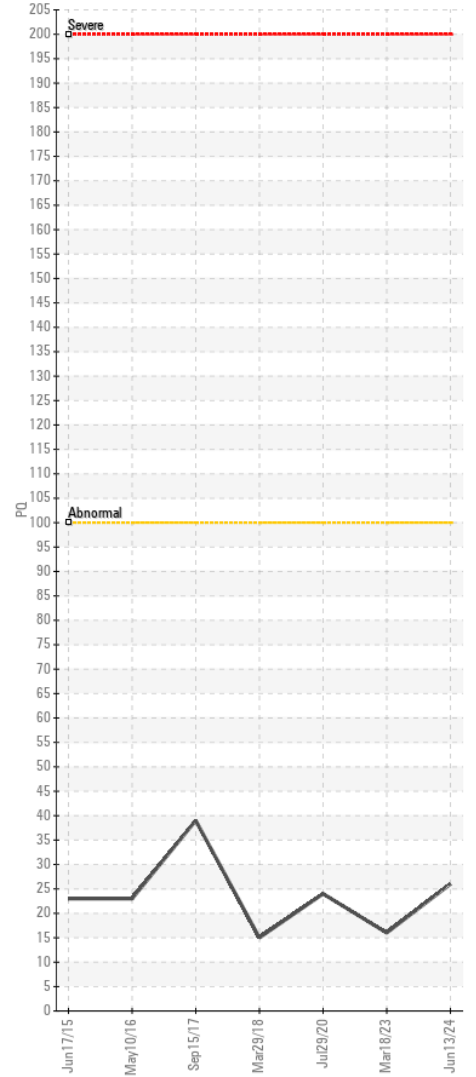
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : JR0213172 Received : 14 Jun 2024
 Lab Number : 06210393 Tested : 18 Jun 2024
 Unique Number : 11083257 Diagnosed : 18 Jun 2024 - Don Baldrige
 Test Package : CONST (Additional Tests: Glycol, PQ)

JRE - GREENSBORO
 411 SOUTH REGIONAL ROAD
 GREENSBORO, NC
 US 27409
 Contact: JUSTIN WILLIAMS
 justin.williams@jamesriverequipment.com
 T: (336)668-2762
 F: (336)665-9556

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)