

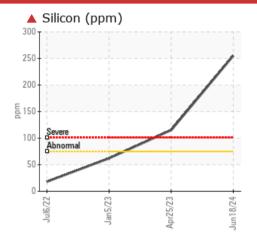
PROBLEM SUMMARY

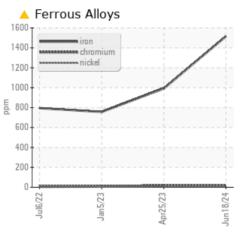
[W52279] JOHN DEERE 333G 1T0333GMCMF402595

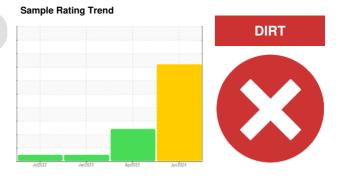
Area

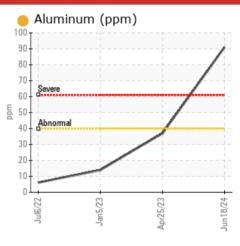
Right Final Drive Fluid JOHN DEERE GL-5 80W90 (--- GAL)

COMPONENT CONDITION SUMMARY









RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS								
Sample Status				SEVERE	ABNORMAL	NORMAL		
Iron	ppm	ASTM D5185m	>750	🔺 1516	992	757		
Chromium	ppm	ASTM D5185m	>9	A 19	17	12		
Silicon	ppm	ASTM D5185m	>75	4 255	1 15	62		

Customer Id: JAMASH Sample No.: JR0211765 Lab Number: 06214962 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data: Sean Felton +1 919-379-4092 sfelton@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Resample			?	We recommend an early		
Check Dirt Access			?	We advise that you chec		

We recommend an early resample to monitor this condition.

We advise that you check all areas where dirt can enter the system.

HISTORICAL DIAGNOSIS



25 Apr 2023 Diag: Don Baldridge

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal for time on oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.







The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



view report

06 Jul 2022 Diag: Don Baldridge

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.







OIL ANALYSIS REPORT

Area [W52279] JOHN DEERE 333G 1T0333GMCMF402595

Right Final Drive

JOHN DEERE GL-5 80W90 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

🔺 Wear

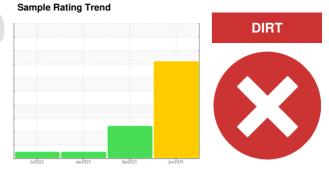
Gear wear is indicated.

Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Fluid Condition

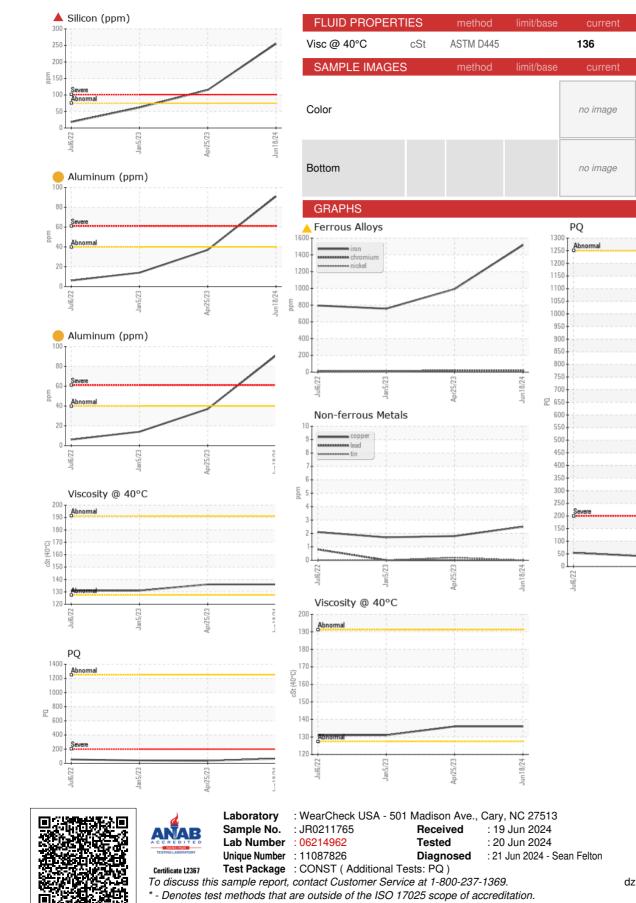
The oil is no longer serviceable due to the presence of contaminants.



SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0211765	JR0165830	JR0147054
Sample Date		Client Info		18 Jun 2024	25 Apr 2023	05 Jan 2023
Machine Age	hrs	Client Info		2247	1477	989
Oil Age	hrs	Client Info		747	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	ABNORMAL	NORMAL
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.075	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	66	36	41
Iron	ppm	ASTM D5185m	>750	<u> </u>	992	757
Chromium	ppm	ASTM D5185m	>9	1 9	17	12
Nickel	ppm	ASTM D5185m	>10	9	8	4
Titanium	ppm	ASTM D5185m		6	3	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	91	37	14
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	2	2	2
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		1	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		15	24	29
Barium	ppm	ASTM D5185m		7	19	24
Molybdenum	ppm	ASTM D5185m		3	3	2
Manganese	ppm	ASTM D5185m		15	11	7
Magnesium	ppm	ASTM D5185m		12	10	5
Calcium	ppm	ASTM D5185m		88	27	18
Phosphorus	ppm	ASTM D5185m		346	527	384
Zinc	ppm	ASTM D5185m		31	33	29
Sulfur	ppm	ASTM D5185m		20396	24188	17001
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		2 55	1 15	62
Sodium	ppm	ASTM D5185m	>51	10	7	2
Potassium	ppm	ASTM D5185m	>20	23	15	11
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	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	>0.075	NEG	0.2%	NEG
Free Water	scalar	*Visual		NEG	CallREGAVID	ZIEG _{NE} GMASH



OIL ANALYSIS REPORT



ASHLAND, VA US 23005 Contact: DAVID ZIEG dzieg@jamesriverequipment.com T: (804)798-6001 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (804)798-0292

Report Id: JAMASH [WUSCAR] 06214962 (Generated: 06/21/2024 15:05:45) Rev: 1

Contact/Location: DAVID ZIEG - JAMASH

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