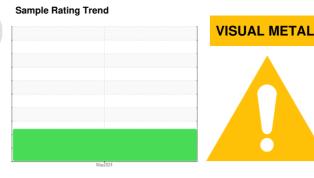


OIL ANALYSIS REPORT



Machine Id JOHN DEERE 300DII 513 (S/N 1DW300DXJFE667370) Front Left Final Drive

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



DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

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

Contamination

There is no indication of any contamination in the

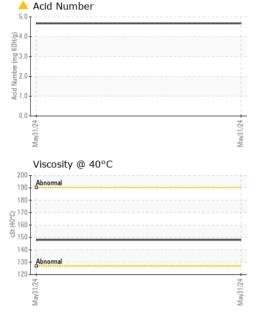
Fluid Condition

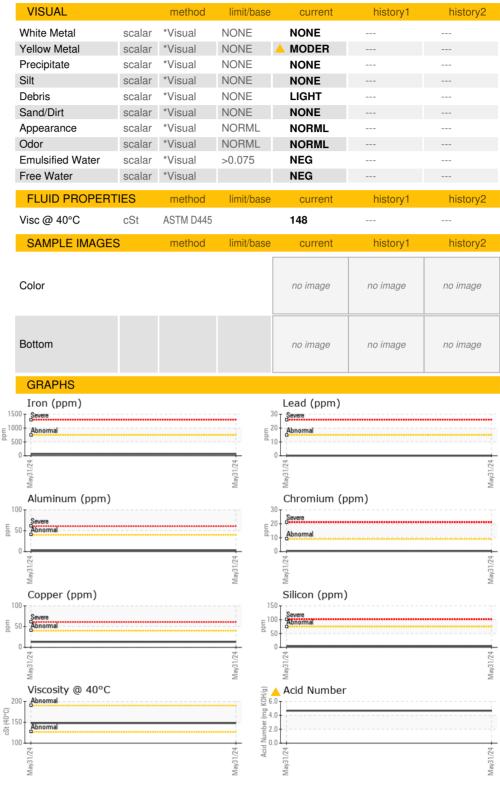
The AN level is above the recommended limit.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0960430		
Sample Date		Client Info		31 May 2024		
Machine Age	hrs	Client Info		7801		
Oil Age	hrs	Client Info		3149		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.075	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>750	60		
Chromium	ppm	ASTM D5185m	>9	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>40	3		
Lead	ppm	ASTM D5185m	>15	0		
Copper	ppm	ASTM D5185m	>40	13		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		39		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		2		
Phosphorus	ppm	ASTM D5185m		2285		
Zinc	ppm	ASTM D5185m		23		
Sulfur	ppm	ASTM D5185m		26194		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	4		
Sodium	ppm	ASTM D5185m	>51	3		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		4.67		



OIL ANALYSIS REPORT









Certificate 12367

Laboratory Sample No.

Lab Number : 06237009 Unique Number : 11125843

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0960430 Test Package : MOB 2

Received : 15 Jul 2024 Tested Diagnosed

: 18 Jul 2024 : 18 Jul 2024 - Jonathan Hester

301 WORTH ST HEMPHILL, TX US 75948 Contact: JODIE MCGEE jodie.mcgee@big4inc.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - 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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BIG 4 INC