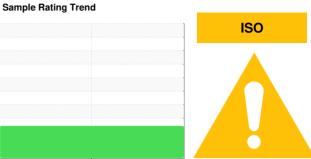


OIL ANALYSIS REPORT



Machine Id

JOHN DEERE 204K 037291

Hydraulic System

JOHN DEERE HYDRAU (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

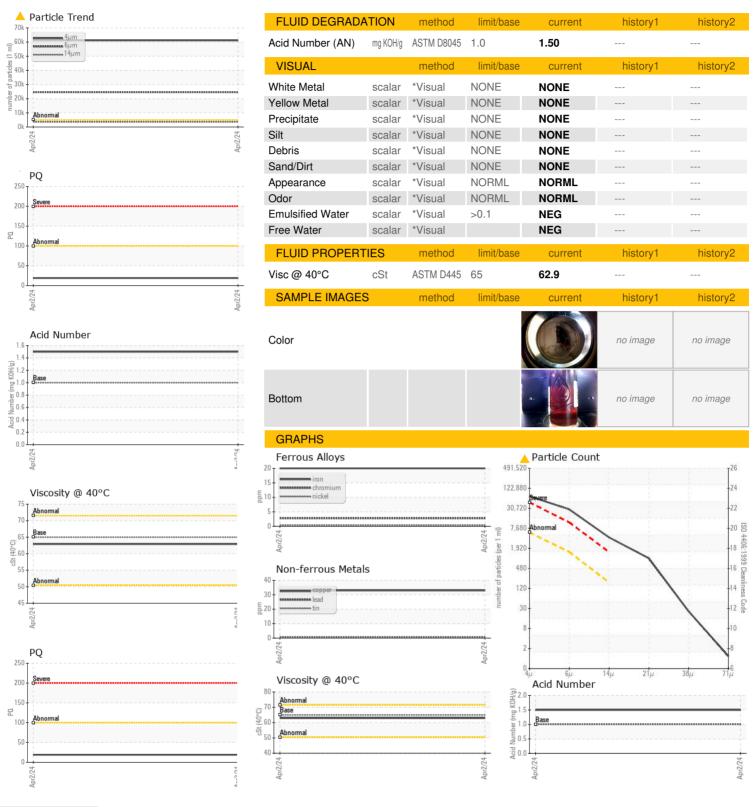
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oils additive package is suitable for further service.

				Apr/074		
				Аргеога		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		MT0006160		
Sample Date		Client Info		02 Apr 2024		
Machine Age	hrs	Client Info		2919		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		19		
Iron	ppm	ASTM D5185m	>20	20		
Chromium	ppm	ASTM D5185m	>10	3		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	4		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	33		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
	le le					
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		253		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		7		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		44		
Calcium	ppm	ASTM D5185m	87	3989		
Phosphorus	ppm	ASTM D5185m	727	846		
Zinc	ppm	ASTM D5185m	900	1137		
Sulfur	ppm	ASTM D5185m	1500	3296		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	12		
Sodium	ppm	ASTM D5185m		5		
Potassium	ppm	ASTM D5185m	>20	5		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>		
Particles >6µm		ASTM D7647	>1300	<u>^</u> 24611		
Particles >14µm		ASTM D7647	>160	4 3573		
Particles >21µm		ASTM D7647	>40	<u></u> 847		
Particles >38µm		ASTM D7647	>10	^ 22		
Particles >71µm		ASTM D7647	>3	1		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	23/22/19		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

Lab Number : 06141172 Unique Number : 10965980

: MT0006160

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 08 Apr 2024 Diagnosed

: 09 Apr 2024 : 10 Apr 2024 - Jonathan Hester 60611 HULSE DRIVE CAMBRIDGE, OH US 43725

Contact: DUSTIN DAILEY DDAILEY@MURPHYTRACTOR.COM

Contact/Location: DUSTIN DAILEY - MURCAM

MURPHY TRACTOR - CAMBRIDGE

Test Package : CONST (Additional Tests: PQ) 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) F: (740)439-2325

Report Id: MURCAM [WUSCAR] 06141172 (Generated: 04/11/2024 07:34:34) Rev: 1