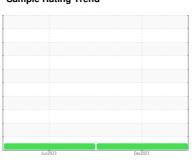


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 385 Component

Left Final Drive

JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

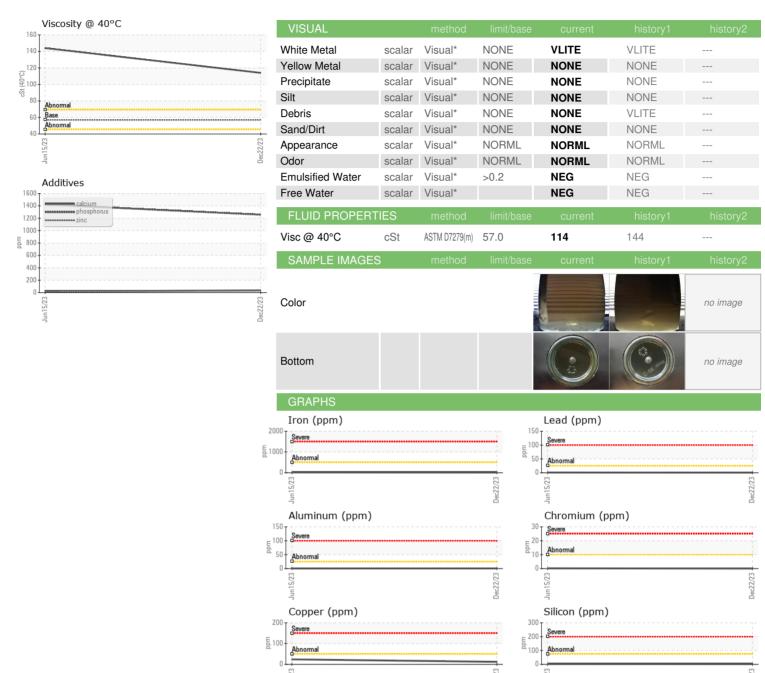
Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

AL)			Jun2023	Dec2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0888485	LH0261683	
Sample Date		Client Info		22 Dec 2023	15 Jun 2023	
Machine Age	hrs	Client Info		0	2266	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	11	22	
Chromium	ppm	ASTM D5185(m)	>10	0	<1	
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	
Titanium	ppm	ASTM D5185(m)		0	<1	
Silver	ppm	ASTM D5185(m)		0	0	
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	
Lead	ppm	ASTM D5185(m)	>25	<1	<1	
Copper	ppm	ASTM D5185(m)	>50	12	24	
Tin	ppm	ASTM D5185(m)	>10	<1	1	
Antimony	ppm	ASTM D5185(m)	>5	0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	6	234	120	
Barium	ppm	ASTM D5185(m)	0	10	26	
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	
Manganese	ppm	ASTM D5185(m)		0	<1	
Magnesium	ppm	ASTM D5185(m)	145	14	2	
Calcium	ppm	ASTM D5185(m)	3570	36	20	
Phosphorus	ppm	ASTM D5185(m)	1290	1257	1422	
Zinc	ppm	ASTM D5185(m)	1640	28	13	
Sulfur	ppm	ASTM D5185(m)		21837	23782	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	2	3	
Sodium	ppm	ASTM D5185(m)		1	2	
Potassium	ppm	ASTM D5185(m)	>20	<1	1	



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited

Laboratory

Laboratory Sample No. Lab Number Unique Number

150

cSt (40°C)

: WC0888485

Viscosity @ 40°C

Recieved : 02607191 Diagnosed : 5708277

: 08 Jan 2024 : 08 Jan 2024

: Kevin Marson Diagnostician Test Package : MOBCE (Additional Tests: Visual)

Additives

1500

1000 500

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 RONI/IRON SHORE EXCAVATING LTD. 100 MACINTOSH BLVD VAUGHAN, ON

CA L4K 4P3 Contact: Service Team service.team@roni.ca

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

T: F: