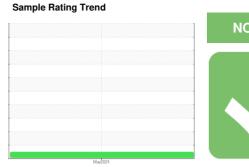


OIL ANALYSIS REPORT

[W51904] HITACHI 1FFDAP70VMF140177

Right Final Drive

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





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

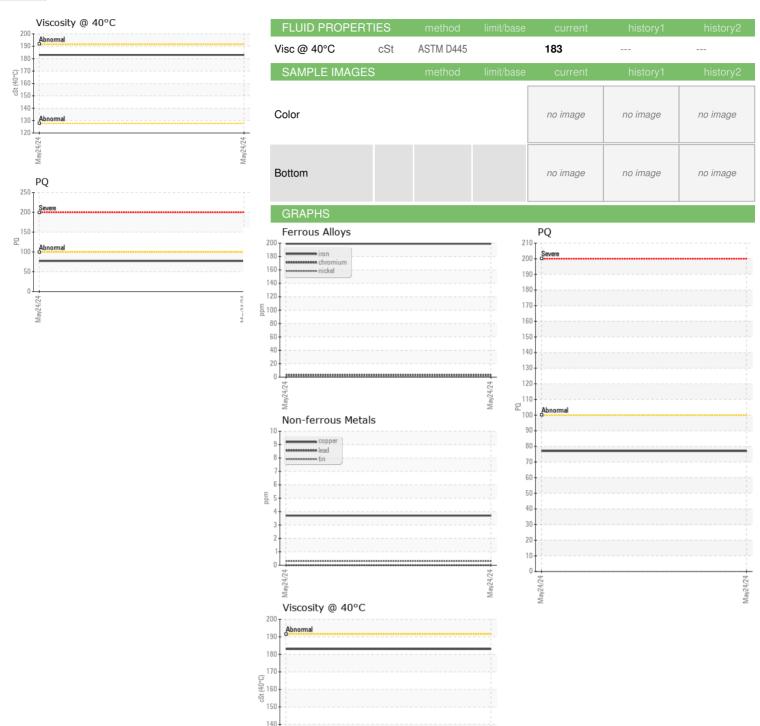
Fluid Condition

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

SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0211607		
Sample Date		Client Info		24 May 2024		
Machine Age	hrs	Client Info		1971		
Oil Age	hrs	Client Info		0		
Oil Changed	0	Client Info		Changed		
Sample Status		Chorte trillo		NORMAL		
			11 1- 1- 11			
CONTAMINATION Water	N	method WC Mathad	limit/base >0.2	current	history1	history2
				NEG	litera mod	h'ata
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	F00	77		
Iron	ppm	ASTM D5185m	>500	199		
Chromium	ppm	ASTM D5185m	>10	3		
Nickel	ppm	ASTM D5185m	>10	2		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	4		
Tin	ppm		>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		50		
Barium	ppm	ASTM D5185m		7		
Molybdenum	ppm	ASTM D5185m		3		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		13		
Phosphorus	ppm	ASTM D5185m		570		
Zinc	ppm	ASTM D5185m		53		
Sulfur	ppm	ASTM D5185m		17279		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	55		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	8		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
			NODM			
Appearance	scalar	*Visual	NORML	NORML		
	scalar scalar	*Visual *Visual	NORML	NORML NORML		
Appearance						



OIL ANALYSIS REPORT





Laboratory Sample No.

: JR0211607 Lab Number : 06196965 Unique Number : 11059088

130 120

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024 **Tested**

: 03 Jun 2024 Diagnosed : 03 Jun 2024 - Wes Davis

11047 LEADBETTER RD ASHLAND, VA US 23005 Contact: DAVID ZIEG

JRE - ASHLAND

Test Package : CONST (Additional Tests: PQ) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

dzieg@jamesriverequipment.com T: (804)798-6001

* - 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: (804)798-0292 Contact/Location: DAVID ZIEG - JAMASH