

## WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

0

0.07

46.5

ppm ASTM D5185m 13

Acid Number (AN) mg KOH/g ASTM D8045 0.06

Visc @ 40°C cSt ASTM D445 47

Sulfur

History1

---

---

----. . .

----

----

- - -

---

History2

----

----

----

- - -

----

- - -

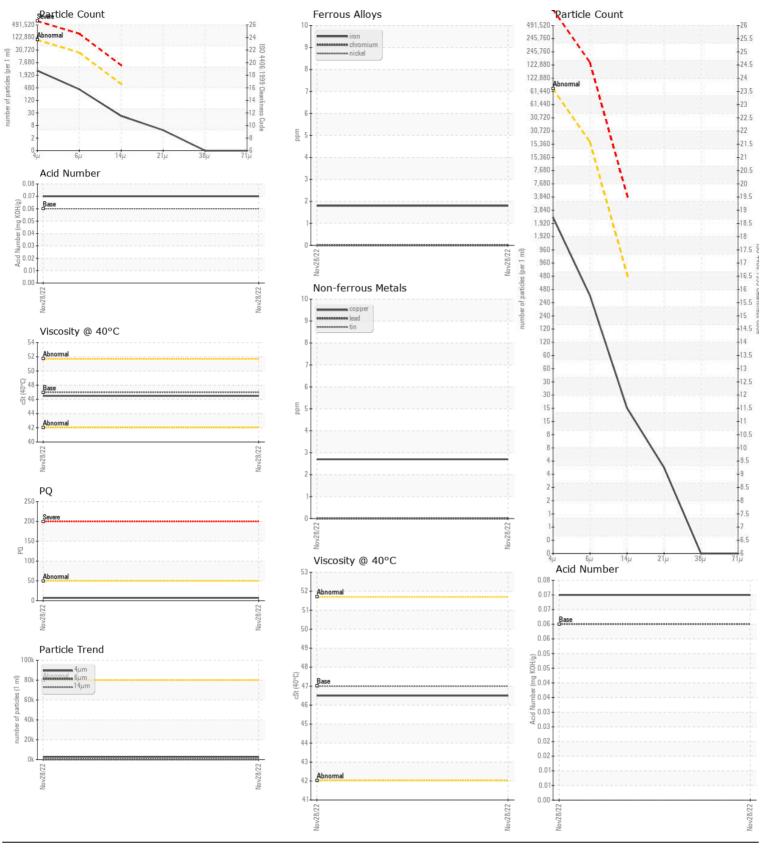
Area

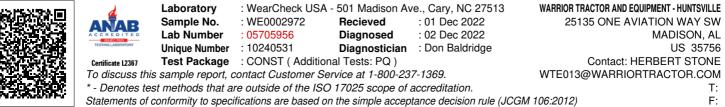
[A31332] **JOHN DEERE 210G 1FF210GXNF530524** 

Hydraulic System

HITACHI HYDRAULIC SUPER EX 46HN (--- GAL)

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current
	Sample Number		Client Info		WE0002972
Resample at the next service interval to monitor.	Sample Date		Client Info		28 Nov 2022
	Machine Age	hrs	Client Info		559
	Oil Age	hrs	Client Info		559
	Filter Age	hrs	Client Info		559
	Oil Changed		Client Info		Not Changd
	Filter Changed		Client Info		Not Changd
	Sample Status				NORMAL
WEAR	PQ		ASTM D8184	<u> </u>	7
WEAN	Iron	ppm	ASTM D0104 ASTM D5185m		2
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0
	Nickel	ppm	ASTM D5185m		0
	Titanium	ppm	ASTM D5185m	/0	0
	Silver	ppm	ASTM D5185m		0
	Aluminum	ppm	ASTM D5185m	>9	۰ <1
	Lead	ppm	ASTM D5185m		0
	Copper	ppm	ASTM D5185m		3
	Tin	ppm	ASTM D5185m		0
	Vanadium	ppm	ASTM D5185m		0
	White Metal	scalar	*Visual	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>11	<1
There is no indication of any contemportion in the cill. The amount and	Potassium	ppm	ASTM D5185m		0
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.	Water		WC Method		NEG
size of particulates present in the system are acceptable.	Particles >4µm		ASTM D7647		2788
	Particles >6µm		ASTM D7647		358
	Particles >14µm		ASTM D7647		19
	Particles >21µm		ASTM D7647		4
	Particles >38µm		ASTM D7647		0
	Particles >71µm		ASTM D7647		0
	Oil Cleanliness		ISO 4406 (c)		19/16/11
	Silt Debris	scalar scalar	*Visual *Visual	NONE NONE	NONE NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML
	Emulsified Water		*Visual	>0.075	NEG
		Jouran	VIGUUI	20.010	
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>21	<1
	Boron	ppm	ASTM D5185m		0
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0
	Molybdenum	ppm	ASTM D5185m		0
	Manganese	ppm	ASTM D5185m		<1
	Magnesium	ppm	ASTM D5185m		<1
	Calcium	ppm	ASTM D5185m		2
	Phosphorus	ppm	ASTM D5185m		520
	Zinc	ppm	ASTM D5185m		20
	C'ulture.	10.10.100	ACTA DETOE	10	^





Contact/Location: HERBERT STONE - WARMAD