

JOHN DEERE 310E 1DW310EXCMF712103

Front Axle

JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (--- GAL)

RECOMMENDATION

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

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Metal levels are typical for a new component breaking in.

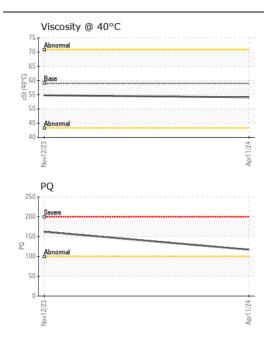
## **CONTAMINATION**

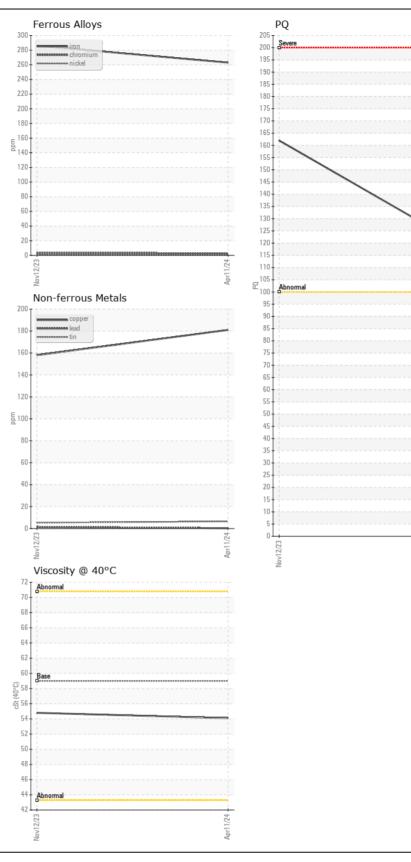
There is no indication of any contamination in the oil.

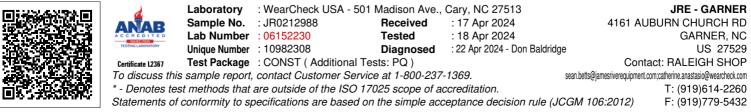
<b>FU</b>	CON	דוחו	ION

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

21112	510N (	- GAL	-/		
UOM	Method	Limit/Abn	Current	History1	History2
	Client Info		JR0212988	JR0190557	
	Client Info		11 Apr 2024	12 Nov 2023	
hrs	Client Info		1533	1533	
hrs	Client Info		1533	0	
hrs	Client Info		0	0	
	Client Info		Changed	Not Changd	
	Client Info		Changed	Not Changd	
			NORMAL	NORMAL	
	ASTM D8184		117	162	
ppm	ASTM D5185m	>1501	263	286	
	ASTM D5185m	>11	1	<1	
	ASTM D5185m	>10	3	4	
	ASTM D5185m		<1	0	
	ASTM D5185m			0	
	ASTM D5185m	>21	2	1	
	ASTM D5185m	>51	- <1	2	
	ASTM D5185m	>101	181	158	
	ASTM D5185m		6		
	ASTM D5185m		0	0	
		NONE	-	-	
scalar	*Visual	NONE	NONE	NONE	
ppm	ASTM D5185m	>31	12	11	
ppm	ASTM D5185m	>20	2	0	
	WC Method	>0.1	NEG	NEG	
scalar	*Visual	NONE	NONE	NONE	
scalar	*Visual	NONE	NONE	NONE	
scalar	*Visual	NONE	NONE	NONE	
scalar	*Visual	NORML	NORML	NORML	
scalar	*Visual	NORML	NORML	NORML	
scalar	*Visual	>0.1	NEG	NEG	
ppm	ASTM D5185m	>51	8	7	
ppm	ASTM D5185m		29	26	
ppm	ASTM D5185m		<1	0	
ppm	ASTM D5185m		0	0	
ppm	ASTM D5185m		23	22	
ppm	ASTM D5185m		77	76	
	ASTM D5185m		3278	3152	
ppm	ASTIVI DUTOUIII				
ppm ppm	ASTM D5185m		1103	1024	
				1024 1211	
ppm	ASTM D5185m		1103		
	UOM  hrs  hrs  hrs  ppm  ppm  ppm  ppm  ppm  ppm  ppm  p	UOMMethodClient InfoClient InfoNrsClient InfohrsClient InfohrsClient InfohrsClient InfoClient InfoClient InfoMrsClient InfoASTM DS185ASTM DS185mppmASTM D5185mppmASTM D5185mscalar*Visualscalar*Visualscalar*Visualscalar*Visualscalar*Visualscalar*Visualscalar*Sim D5185mppmASTM D5185m<	UOMMethodLimit/AbnClient InfoClient InfoNrsClient InfoClient InfoMrsClient InfoClient InfoClient InfoClient InfoClient InfoMrsClient InfoClient InfoClient InfoClient InfoClient InfoMrsSTM DS185STM DS185PpmASTM DS185S110ppmASTM DS185S100scalar*VisualNONEscalar*VisualNORMscalar*VisualNORMscalar*VisualNORMscalar*VisualS011scalar*VisualS014scalar*VisualS11ppmASTM DS185S11scalar*VisualS014scalar*VisualS11scalar*VisualS11scalar*VisualS11scalar*VisualS11scalar*Vi	Client InfoJR0212988Client Info11 Apr 2024hrsClient Info1533hrsClient Info1533hrsClient Info0Client InfoChangedClient InfoInfoClient InfoInfoClient InfoInfoClient InfoInfoClient InfoInfoClient InfoInfoClient InfoInfoClient InfoInfoClient InfoInfoASTM D5185mS10ppmASTM D5185mppmASTM D5185mppmASTM D5185mppmASTM D5185mppmASTM D5185mppmASTM D5185mppmASTM D5185mppmASTM D5185mscalar*VisualNONENONEscalar*VisualNORMNOREscalar*Visualscalar*Visualscalar*Visualscalar*VisualppmASTM D5185mscalar*Visualscalar*Visualscalar*VisualppmASTM	UOMMethodLimit/AbsCurrentHistory1Client InfoJR0212988JR0190557Client Info11 Apr 202412 Nov 2023hrsClient Info15331533hrsClient Info15330hrsClient InfoIs330Client InfoIs3300hrsClient InfoChangedNot ChangedClient InfoInfoChangedNot ChangedClient InfoInfoChangedNot ChangedASTM D8184Inf7162ppmASTM D5185263286ppmASTM D5185111ppmASTM D5185111ppmASTM D51852121ppmASTM D51852121ppmASTM D51852121ppmASTM D518521158ppmASTM D51852111ppmASTM D5185211181ppmASTM D51852121ppmASTM D51852112ppmASTM D51852112ppmASTM D51852111ppmASTM D51852112ppmASTM D51852111ppmASTM D51852111ppmASTM D51852111ppmASTM D51852111ppmASTM D51852110ppmASTM D51852110ppmASTM D5185<







Submitted By: JOHN GUASCHINO Page 2 of 2

Apr11/24