

[05W46357]

JOHN DEERE 160G 1FF160GXHNF058772

Pump Drive

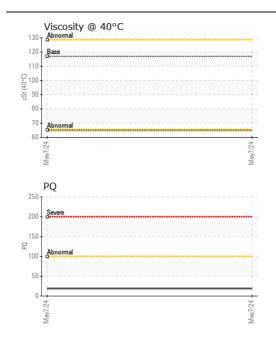
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)

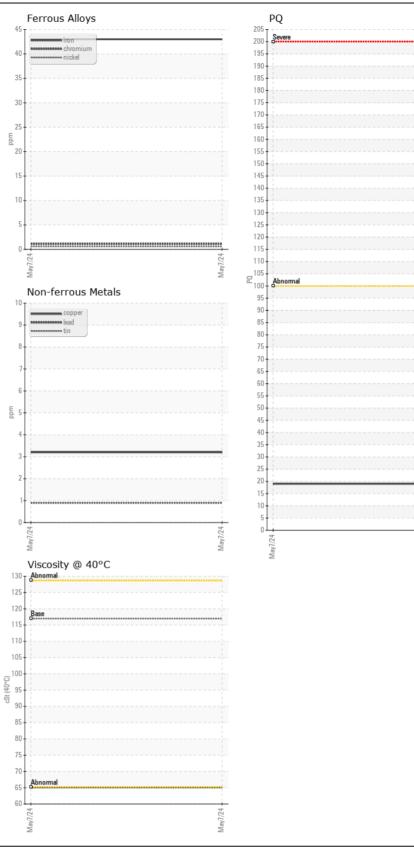
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RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		JR0214587		
	Sample Date		Client Info		07 May 2024		
	Machine Age	hrs	Client Info		559		
	Oil Age	hrs	Client Info		559		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		Not Changd		
	Filter Changed		Client Info		N/A		
	Sample Status				NORMAL		
WEAR	PQ		ASTM D8184		19		
	Iron	ppm	ASTM D5185m	>151	43		
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		1		
	Nickel	ppm	ASTM D5185m		- <1		
	Titanium	ppm	ASTM D5185m	210	<1		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>21	1		
	Lead	ppm	ASTM D5185m		<1		
	Copper	ppm	ASTM D5185m		3		
	Tin	ppm	ASTM D5185m	>4	<1		
	Vanadium	ppm	ASTM D5185m		<1		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	<u>_</u> 31	12		
There is no indication of any contamination in the oil.	Potassium		ASTM D5185m		4		
	Water	ppm	WC Method	>0.1	4 NEG		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water		*Visual	>0.1	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>51	2		
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m		61		
	Barium	ppm	ASTM D5185m		2		
	Molybdenum	ppm	ASTM D5185m		98		
	Manganese	ppm	ASTM D5185m		3		
	Magnesium	ppm	ASTM D5185m		14		
	Calcium	ppm	ASTM D5185m		3761		
	Phosphorus	ppm	ASTM D5185m		1176		
	Zinc	ppm	ASTM D5185m		1251		
	Sulfur	ppm	ASTM D5185m		9516		

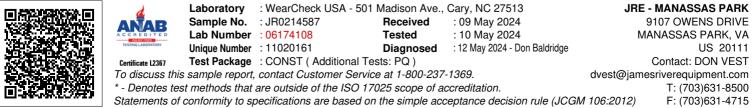
Visc @ 40°C

cSt

ASTM D445 117 65.1 --- ---Submitted By: TECHNICIAN ACCOUNT







Submitted By: TECHNICIAN ACCOUNT Page 2 of 2

May7/24