

Store 6 - Ashland [150083] JOHN DEERE 26G 1FF026GXCPK269310

Diesel Engine

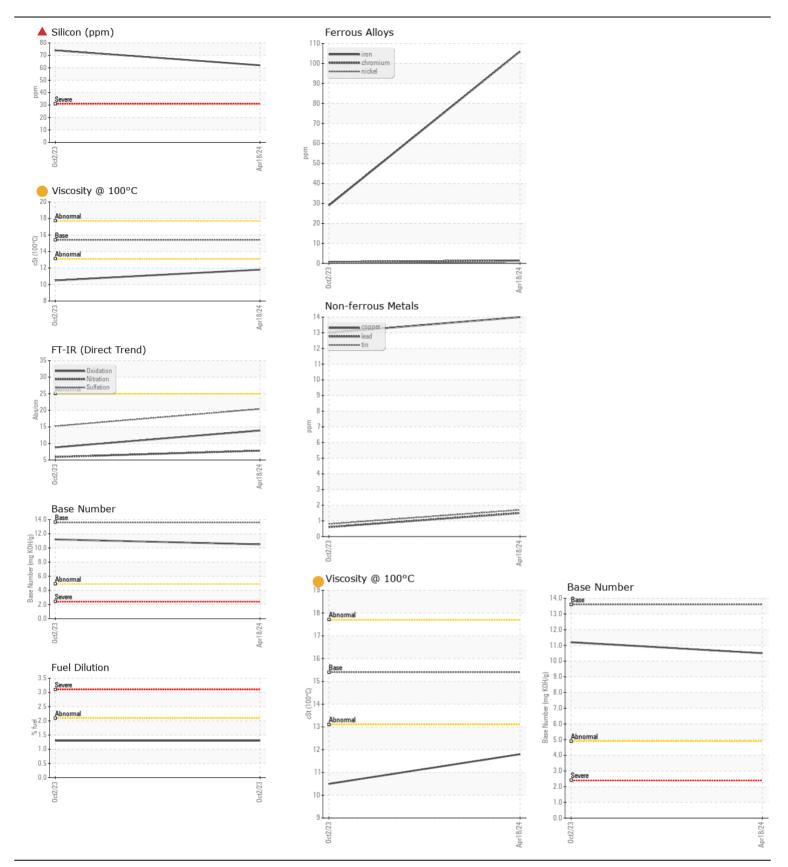
JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (4 QTS)

JOHN DEERE ENGINE OIL PL05 50 II 15W40 (4 (13)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Resample at the next service interval to monitor.	Sample Number		Client Info		LEC0044725	LEC0043492	
	Sample Date		Client Info		18 Apr 2024	02 Oct 2023	
	Machine Age	hrs	Client Info		287	100	
	Oil Age	hrs	Client Info		287	100	
	Filter Age	hrs	Client Info		287	100	
	Oil Changed		Client Info		Not Changd	Not Changd	
	Filter Changed		Client Info		Not Changd	Not Changd	
	Sample Status				SEVERE	SEVERE	
WEAR	Iron	ppm	ASTM D5185m	>51	106	29	
WEAT	Chromium	ppm	ASTM D5185m		1	<1	
Metal levels are typical for a new component breaking in.	Nickel	ppm	ASTM D5185m		0	<1	
	Titanium	ppm	ASTM D5185m	25	۰ <1	<1	
	Silver		ASTM D5185m	. 2	0	0	
		ppm					
	Aluminum	ppm	ASTM D5185m		12	5	
	Lead	ppm	ASTM D5185m	-	2	<1	
	Copper	ppm	ASTM D5185m		14	13	
	Tin	ppm	ASTM D5185m	>4	2	<1	
	Vanadium	ppm	ASTM D5185m		<1	<1	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>!20	6 2	4 74	
	Potassium	ppm	ASTM D5185m	>20	<1	3	
Elemental level of silicon (Si) above normal indicating ingress of seal material.	Fuel	%	ASTM D3524	>2.1	<1.0	1.3	
	Water		WC Method	>0.21	NEG	NEG	
	Glycol		WC Method		NEG	NEG	
	Soot %	%	*ASTM D7844	>3	0.3	0.2	
	Nitration	Abs/cm	*ASTM D7624	>20	7.8	5.9	
	Sulfation	Abs/.1mm	*ASTM D7415		20.4	15.2	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water		*Visual	>0.21	NEG	NEG	
FLUID CONDITION	O a dia ma			04	10	00	
	Sodium	ppm	ASTM D5185m	>31	18	20	
The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.	Boron	ppm	ASTM D5185m		39	45	
	Barium	ppm	ASTM D5185m		14	7	
	Molybdenum	ppm	ASTM D5185m		102	108	
	Manganese	ppm	ASTM D5185m		2	2	
	Magnesium	ppm	ASTM D5185m		209	45	
	Calcium	ppm	ASTM D5185m		3729	3721	
	Phosphorus	ppm	ASTM D5185m		1187	1117	
	Zinc	ppm	ASTM D5185m		1399	1364	
	Sulfur	ppm	ASTM D5185m		6274	6677	
	Oxidation	Abs/.1mm	*ASTM D7414	>25	13.9	8.8	
	Base Number (BN)	mg KOH/g	ASTM D2896	13.6	10.5	11.2	
	Vice @ 100%C	oC+	ACTN D44E	15 /	44.0	10 E	

11.8

10.5

Visc @ 100°C cSt ASTM D445 15.4



LESLIE EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 105 TENNIS CENTER DR. : LEC0044725 : 19 Apr 2024 Lab Number : 06154081 Tested MARIETTA, OH : 23 Apr 2024 Unique Number : 10989504 Diagnosed : 23 Apr 2024 - Sean Felton US 45750-9765 Test Package : CONST (Additional Tests: FuelDilution, TBN) Contact: LEANNE KENDALL Certificate L2367 KendalLeanne@lec1.com To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (740)373-5570

Submitted By: STORE 5 - CROSS LANES - KYLE HIGGINS Page 2 of 2