

OIL ANALYSIS REPORT

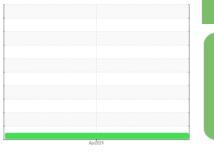
Sample Rating Trend



Area Store 4 - Fairmont JOHN DEERE 748L2 1DW748LBPPL717351 Rear Axle

Fluid JOHN DEERE HY-GARD HYD/TRANS (8 GAL)

SAMPLE INFORMATION method





NORMAL

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

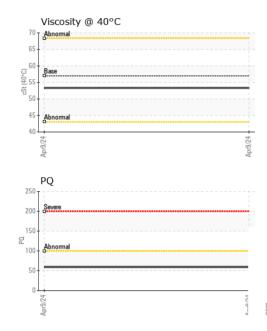
Fluid Condition

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

		memou	iiiiii/base	Current	TIIStOLA	THSTOLAZ
Sample Number		Client Info		LEC0048709		
Sample Date		Client Info		09 Apr 2024		
Machine Age	hrs	Client Info		318		
Oil Age	hrs	Client Info		318		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	AL.	method	limit/base	current	history1	history2
	N				Thistory I	mstoryz
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		59		
Iron	ppm	ASTM D5185m	>750	136		
Chromium	ppm	ASTM D5185m	>11	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>21	2		
Lead	ppm	ASTM D5185m	>49	4		
Copper	ppm	ASTM D5185m	>101	30		
Tin	ppm	ASTM D5185m	>10	2		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	5		
Barium	ppm	ASTM D5185m	0	5		
Molybdenum	ppm	ASTM D5185m	0	2		
Manganese	ppm	ASTM D5185m	-	7		
Magnesium	ppm	ASTM D5185m	145	101		
Calcium	ppm	ASTM D5185m	3570	3418		
Phosphorus	ppm	ASTM D5185m	1290	1031		
Zinc	ppm	ASTM D5185m	1640	1178		
Sulfur	ppm	ASTM D5185m	10-10	4963		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>31	12		
Sodium	ppm	ASTM D5185m	>51	7		
Potassium	ppm	ASTM D5185m	>20	<1		
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		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG	FAIRMONT - K	ENN <u>Y</u> HARVEY



OIL ANALYSIS REPORT



FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0	53.3		
SAMPLE IMAG	iES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS					1	1
Ferrous Alloys	tals		6 5 4 3 2 1	0 Severe 0 - <td></td> <td></td>		
Viscosity @ 40°	C		Apr3/24	Apr9/24		Андол
VearCheck USA - EC0048709 16144545	501 Madis Rec Test	eived : 10	, NC 27513 Apr 2024 Apr 2024	LE		E NT COMPANY S CENTER DR MARIETTA, OH



 Unique Number
 : 10969353
 Diagnosed
 : 11 Apr 2024 - Wes Davis

 Certificate 12367
 Test Package
 : CONST (Additional Tests: PQ)
 Contact

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
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 * - 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)

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Report Id: LESMAROH [WUSCAR] 06144545 (Generated: 04/18/2024 10:44:41) Rev: 1

Laboratory Sample No. Lab Number

Submitted By: STORE 4 - FAIRMONT - KENNY HARVEY