

OIL ANALYSIS REPORT

Sample Rating Trend



JOHN DEERE 748L 1DW748LBALF706852

Component Rear Differential

Fluid JOHN DEERE HY-GARD HYD/TRANS (--- QTS)

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

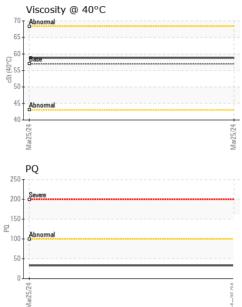
The condition of the oil is acceptable for the time in service.

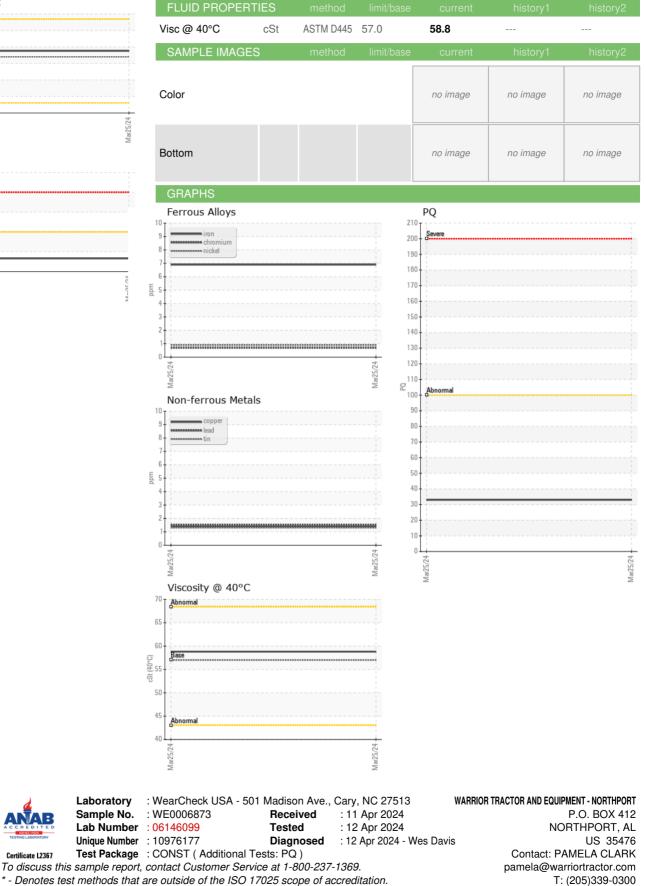
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WE0006873		
Sample Date		Client Info		25 Mar 2024		
Machine Age	hrs	Client Info		5906		
Oil Age	hrs	Client Info		2		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		33		
Iron	ppm	ASTM D5185m	>500	7		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	1		
Lead	ppm	ASTM D5185m	>25	2		
Copper	ppm	ASTM D5185m	>100	1		
Tin	ppm	ASTM D5185m	>10	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	<1		
Barium	ppm	ASTM D5185m	0	4		
Molybdenum	ppm	ASTM D5185m	0	2		
Manganese	ppm	ASTM D5185m		3		
Magnesium	ppm	ASTM D5185m	145	102		
Calcium	ppm	ASTM D5185m	3570	3627		
Phosphorus	ppm	ASTM D5185m	1290	1145		
Zinc	ppm	ASTM D5185m	1640	1235		
Sulfur	ppm	ASTM D5185m		4016		
CONTAMINANTS		method	limit/base	current	history1	history2
					TIIStOLA	TIIStoryz
Silicon	ppm	ASTM D5185m	>75	7		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	2		
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	>.2	NEG		
Free Water	scalar	*Visual		NEG		ARK - WARNOR



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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)





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Certificate 12367

Contact/Location: PAMELA CLARK - WARNOR

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