

## **OIL ANALYSIS REPORT**

Sample Rating Trend





Machine Id JOHN DEERE 700K 6X75 (S/N 1T0700KXVGF302245) Right Final Drive JOHN DEERE HY-GARD HYD/TRANS (--- QTS)

Recommendation

Contamination

Fluid Condition

Wear

oil.

service.

Resample at the next service interval to monitor.

There is no indication of any contamination in the

The condition of the oil is acceptable for the time in

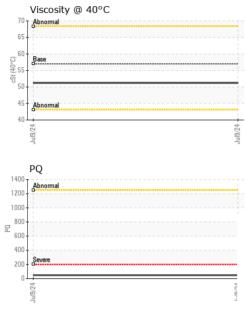
All component wear rates are normal.

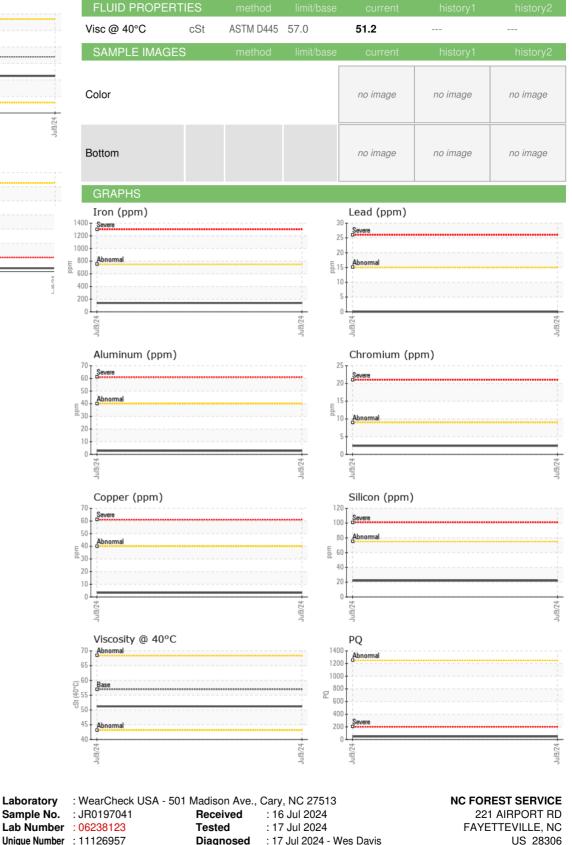
	QIO,					
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0197041		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		671		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.075	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	47		
Iron	ppm	ASTM D5185m	>750	139		
Chromium	ppm	ASTM D5185m	>9	2		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>40	3		
Lead	ppm	ASTM D5185m	>15	0		
Copper	ppm	ASTM D5185m	>40	3		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	1		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	<1		
Manganese	ppm	ASTM D5185m		5		
Magnesium	ppm	ASTM D5185m	145	97		
Calcium	ppm	ASTM D5185m	3570	3541		
Phosphorus	ppm	ASTM D5185m	1290	901		
Zinc	ppm	ASTM D5185m	1640	1287		
Sulfur	ppm	ASTM D5185m		3545		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	22		
Sodium	ppm	ASTM D5185m	>51	2		
Potassium	ppm	ASTM D5185m	>20	16		
VISUAL		method	limit/base	current	history1	history2
		*) //	NONE	NONE		

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	>0.075	NEG		
Free Water	scalar	*Visual		NEG	n: WALTER CA	PPSNCFFAY



## **OIL ANALYSIS REPORT**





 Vertex cuestrior
 Unique Number
 : 11126957
 Diagnosed
 : 17 Jul 2024 - Wes Davis

 Certificate L2367
 Test Package
 : MOBCE (Additional Tests: PQ)
 Co

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

 \* - 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)

Report Id: NCFFAY [WUSCAR] 06238123 (Generated: 07/18/2024 11:55:11) Rev: 1

Contact/Location: WALTER CAPPS - NCFFAY

T:

F:

Contact: WALTER CAPPS

WATER.CAPPS@NCAGR.GOV