

# **OIL ANALYSIS REPORT**

Sample Rating Trend





Machine Id JOHN DEERE 700K 6X45 (S/N 1T0700KXTKF364911) Component Right Final Drive 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.

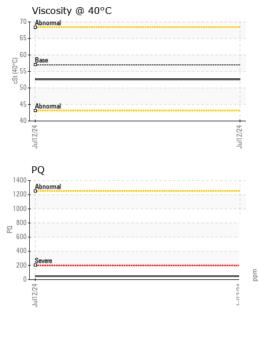
### Fluid Condition

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		JR0197276		
Sample Date		Client Info		12 Jul 2024		
Machine Age	hrs	Client Info		518		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.075	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	49		
Iron	ppm	ASTM D5185m	>750	76		
Chromium	ppm	ASTM D5185m	>9	1		
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	<1		
Copper	ppm	ASTM D5185m	>40	4		
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	2		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	<1		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m	145	103		
Calcium	ppm	ASTM D5185m	3570	3418		
Phosphorus	ppm	ASTM D5185m	1290	877		
Zinc	ppm	ASTM D5185m	1640	1232		
Sulfur	ppm	ASTM D5185m		3325		
CONTAMINANTS		method	limit/base	ourropt	biotorut	history2
				current	history1	nistory2
Silicon	ppm	ASTM D5185m	>75	34		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	11		
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		
Odar						
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar scalar	*Visual *Visual	NORML >0.075	NORML		



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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.

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

Report Id: NCFFAY [WUSCAR] 06238052 (Generated: 07/18/2024 11:50:51) Rev: 1

Certificate 12367

Laboratory

Sample No.

Contact/Location: WALTER CAPPS - NCFFAY

T:

F: