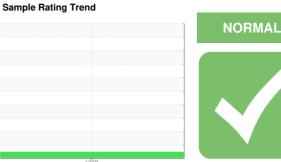


OIL ANALYSIS REPORT





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

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

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

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

HYD/IRANS (- Q13)					
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0197277		
Sample Date		Client Info		12 Jul 2024		
Machine Age	hrs	Client Info		518		
Dil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Vater		WC Method	>0.075	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	31		
ron	ppm	ASTM D5185m	>750	62		
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		
_ead	ppm		>15	<1		
Copper	ppm	ASTM D5185m	>40	4		
Fin	ppm	ASTM D5185m		0		
/anadium	ppm	ASTM D5185m	>10	0		
Cadmium		ASTM D5185m		0		
	ppm		12 - 25 //			
ADDITIVES		method	limit/base		history1	history2
Boron	ppm	ASTM D5185m	6	2		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m	0	<1		
Manganese	ppm	ASTM D5185m		3		
/lagnesium	ppm	ASTM D5185m	145	102		
Calcium	ppm	ASTM D5185m	3570	3400		
Phosphorus	ppm	ASTM D5185m	1290	869		
Zinc	ppm	ASTM D5185m	1640	1219		
Sulfur	ppm	ASTM D5185m		3200		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	34		
Sodium	ppm	ASTM D5185m	>51	2		
Potassium	ppm	ASTM D5185m	>20	11		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
Chow wictai			NONE	NONE		
Precipitate	scalar	*Visual	NONL	110112		
	scalar scalar	*Visual	NONE	NONE		
Precipitate						
Precipitate Silt	scalar	*Visual	NONE	NONE		
Precipitate Silt Debris	scalar scalar	*Visual *Visual	NONE NONE	NONE NONE		
Precipitate Silt Debris Sand/Dirt	scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE	NONE NONE		
Precipitate Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	*Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0197277 Lab Number : 06238053

Unique Number : 11126887

Received **Tested**

: 17 Jul 2024 Diagnosed Test Package : MOBCE (Additional Tests: PQ)

: 16 Jul 2024

: 17 Jul 2024 - Wes Davis

US 28306 Contact: WALTER CAPPS WATER.CAPPS@NCAGR.GOV T:

NC FOREST SERVICE

221 AIRPORT RD

FAYETTEVILLE, NC

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)

F: