

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

JOHN DEERE 770D 610834 Component Axle

Fluid

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

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 fluid.

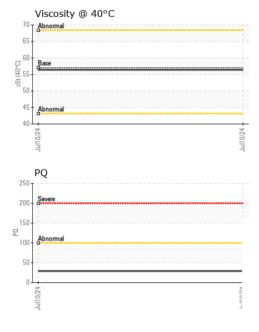
Fluid Condition

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

SAMPLE INFORMATIONmethodlimit/basSample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoOil AgehrsClient InfoOil ChangedClient InfoSample StatusClient InfoCONTAMINATIONmethodWaterWC MethodVCARR METALSmethodWaterWC MethodPQASTM D5185mPQASTM D5185mChromiumppmASTM D5185m>10TitaniumppmASTM D5185m>10SilverppmASTM D5185m>101TinppmASTM D5185m>101TinppmASTM D5185m>101TinppmASTM D5185m>101TinppmASTM D5185m>101TinppmASTM D5185m>101TinppmASTM D5185m>10VanadiumppmASTM D5185m0ADDITIVESmethodBoronppmASTM D5185m145CalciumppmASTM D5185m145CalciumppmASTM D5185m1290ZincppmASTM D5185m1640SulfurppmASTM D5185m>31SodiumppmASTM D5185m>51PotassiumppmASTM D5185m>20 <th>MT0006362 10 Jul 2024 1586 0 N/A NORMAL Current NEG 29 55 <10 0 0 0 0 0 0 29 55 <10 0</th> <th>history1 history1 history1 history1 </th> <th>history2 history2 history2 history2</th>	MT0006362 10 Jul 2024 1586 0 N/A NORMAL Current NEG 29 55 <10 0 0 0 0 0 0 29 55 <10 0	history1 history1 history1 history1	history2 history2 history2 history2
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MolybdenumppmASTM D5185m0ManganeseppmASTM D5185m145MagnesiumppmASTM D5185m145CalciumppmASTM D5185m145PhosphorusppmASTM D5185m1290ZincppmASTM D5185m1640SulfurppmASTM D5185m1640SulfurppmASTM D5185m511SiliconppmASTM D5185m>31SodiumppmASTM D5185m>51	2		
ManganeseppmASTM D5185mMagnesiumppmASTM D5185m1.45CalciumppmASTM D5185m3.570PhosphorusppmASTM D5185m1.290ZincppmASTM D5185m1.640SulfurppmASTM D5185m1.640SulfurppmASTM D5185m1.640SiliconppmASTM D5185m>.31SodiumppmASTM D5185m>.51	0		
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SiliconppmASTM D5185m>31SodiumppmASTM D5185m>51	3416		
Sodium ppm ASTM D5185m >51	e current	history1	history2
	7		
Potassium ppm ASTM D5185m >20	0		
	1		
VISUAL method limit/bas	e current	history1	history2
White Metal scalar *Visual NONE	NONE		
Yellow Metal scalar *Visual NONE	NONE		
Precipitate scalar *Visual NONE	NONE		
Silt scalar *Visual NONE			
Debris scalar *Visual NONE	NONE		
Sand/Dirt scalar *Visual NONE			
Appearance scalar *Visual NORML	NONE		
Odor scalar *Visual NORML	NONE LIGHT		
Emulsified Water scalar *Visual >0.1	NONE LIGHT NONE		
Free Water scalar *Visual	NONE LIGHT NONE NORML		



OIL ANALYSIS REPORT



FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0	56.4		
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS			L. L.			
Ferrous Alloys				PQ		
55 - iron			21	Severe		
45 - All All All All All All All All All A			19			
35 -			18	0-		
30 25			17			
20-			15			
10			14	0-		
5			13			
Jul10/24			12 Juli0/24			
⊣ Non-ferrous Me	tals		r d 10	Abnormal		
¹⁰ L			9	0-		
9 - copper 8			8	0		
7				0		
6 - 5 -			5	0-		
4				0		
3			2	0		
1				0-		
Juli 10/24		**********************	Jul10/24	24 0		24
			Jull	Jul10/24		Jul10/24
Viscosity @ 40° ⁷⁰ Abnormal	С					
65 -						
60						
55						
50						
45 - Abnormal						
40						
Jul10/24			Jul10/24			
-						
WearCheck USA - MT0006362 06238075	Rece Test	eived :16 ed :17	3 Jul 2024 7 Jul 2024			HULSE DRIVE MBRIDGE, OH
11126909 CONST (Additional			Jul 2024 - Dor	∎ ⊐alorioge	Contact: D	US 43725 JSTIN DAILEY

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

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

 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 DDAILEY@MU

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

DDAILEY@MURPHYTRACTOR.COM T: (JCGM 106:2012) F: (740)439-2325

Laboratory Sample No. Lab Number Unique Number