

OIL ANALYSIS REPORT

Sample Rating Trend



JOHN DEERE 317G 1P0317GJEPJ437068-A

Hydraulic System

JOHN DEERE HYDRAU (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

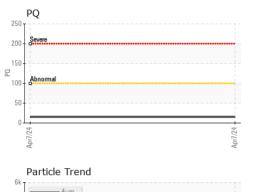
Fluid Condition

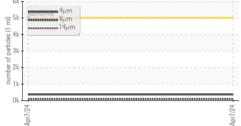
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

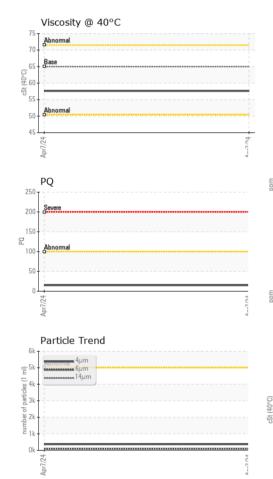
Sample Number Client Info WC06111176 Sample Date Client Info 07 Apr 2024 Adachine Age hrs Client Info 1 Dil Age hrs Client Info N/A Dil Changed Client Info N/A Sample Status Imit/base current history1 history2 CONTAMINATION method Imit/base current history1 history2 Vear WC Method >0.1 NEG WEAR METALS method Imit/base current history1 history2 PQ ASTM DB185 10 <1 Wear Ppm ASTM DB185 10 <1 Wear Ppm ASTM DB185 10 2 Normium Ppm ASTM DB185 10 2	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
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Numinum ppm ASTM D5185m >10 2 eaad ppm ASTM D5185m >10 <1	Titanium	ppm	ASTM D5185m		<1		
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Dopper ppm ASTM D5185m >75 3 Tin ppm ASTM D5185m >10 <1	Aluminum	ppm	ASTM D5185m	>10	2		
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Zinc ppm ASTM D5185m 900 821 Sulfur ppm ASTM D5185m 1500 1654 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 1 Sodium ppm ASTM D5185m >20 1 Sodium ppm ASTM D5185m >20 1 Potassium ppm ASTM D5185m >20 1 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 365 Particles >6µm ASTM D7647 >1300 103 Particles >14µm ASTM D7647 >40 7 Particles >21µm ASTM D7647 10 1	Calcium	ppm	ASTM D5185m	87	109		
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Solicon ppm ASTM D5185m >20 1 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 1 Potassium ppm ASTM D5185m >20 1 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 365 Particles >6µm ASTM D7647 >1300 103 Particles >14µm ASTM D7647 >160 18 Particles >21µm ASTM D7647 >10 1 Particles >38µm ASTM D7647 >3 0	Sulfur	ppm	ASTM D5185m	1500	1654		
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	Sodium Potassium FLUID CLEANLINE Particles >4µm Particles >6µm	ppm	ASTM D5185m method ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >1300 >160	1 current 365 103 18	 history1 	 history2
Dil Cleanliness ISO 4406 (c) >19/17/14 16/14/11	Sodium Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm	ppm	ASTM D5185m method ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >1300 >160 >40	1 current 365 103 18 7	 history1 	 history2
	Sodium Potassium FLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm Particles >21µm	ppm	ASTM D5185m method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>20 imit/base >5000 >1300 >160 >40 >10	1 current 365 103 18 7 1	 history1 	 history2



OIL ANALYSIS REPORT







	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.75		
	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
	Precipitate	scalar	*Visual	NONE	NONE		
Apr7/24 -	Silt	scalar	*Visual	NONE	NONE		
Apr	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water Free Water	scalar scalar	*Visual *Visual	>0.1	NEG NEG		
	FLUID PROPERT		method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	65	57.6		
Apr7/24	SAMPLE IMAGES	3	method	limit/base	current	history1	history2
	Color					no image	no image
	Bottom				•	no image	no image
A-1718	Non-ferrous Metal			2/Luty 1.920 the L a 1.920 the c of the	Abnormal	14μ 21μ	2^{2}
Laboratory Sample No. Lab Number Unique Number Test Package discuss this sample report,	: 10965984 : CONST (Additional T	Recei Tested Diagn ests: PQ	ved : 08 d : 09 osed : 09)	, NC 27513 Apr 2024 Apr 2024 Apr 2024 - We	es Davis		Y EQUIPMEN 18 HWY 301 WILSON, N US 2789 (LEY EATMO

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

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Contact/Location: BEXLEY EATMON - QUAWILNC

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