

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

JOHN DEERE 844P 223-2301

Component Differential Fluid

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0914642		
Sample Date		Client Info		12 Jun 2024		
Machine Age	hrs	Client Info		3285		
Oil Age	hrs	Client Info		500		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	I	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	194		
Chromium	ppm	ASTM D5185(m)	>10	1		
Nickel	ppm	ASTM D5185(m)	>10	4		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	2		
Lead	ppm	ASTM D5185(m)	>25	5		
Copper	ppm	ASTM D5185(m)	>100	75		
Tin	ppm	ASTM D5185(m)	>10	1		
Antimony	ppm	ASTM D5185(m)	>5	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		104		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		<1		
Manganese	ppm	ASTM D5185(m)		10		
Magnesium	ppm	ASTM D5185(m)		18		
Calcium	ppm	ASTM D5185(m)		3487		
Phosphorus	ppm	ASTM D5185(m)		1246		
Zinc	ppm	ASTM D5185(m)		1398		
Sulfur	ppm	ASTM D5185(m)		3273		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	13		
Sodium	ppm	ASTM D5185(m)		4		
Potassium	ppm	ASTM D5185(m)	>20	<1		





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White Metal	scalar	Visual*	NONE	VLITE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	VLITE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORMI	NORMI		
Odor	scalar	Visual*	NORMI	NORMI		
Emulsified Water	scalar	Visual*	> 2	NEG		
Eree Water	scalar	Vieual*	2.L	NEG		
Tiee Water	Scalai	VISUAI		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history
Visc @ 40°C	cSt	ASTM D7279(m)		29.4		
SAMPLE IMAGES	6	method	limit/base	current	history1	history
Color				E	no image	no image
			6			
_						
Bottom				2.2	no image	no image
GRAPHS	-	-				
Iron (ppm)				Lead (ppm)		
2000 Severe			150	т		
-				Severe		
1000 - Abnormal			E 100	Severe		
Abnormal			50 E	Abnormal		
Abnormal			4272	Abnormal 4527		
			mqq 00	Severe Abnormal		
Abnormal			47221muL	Abnormal Abnormal F72721unf Chromium (p	pm)	
Abnormal Abnorm			un1224	Abnormal 42721unr Chromium (p	pm)	
Aluminum (ppm)			and 200 mpd 200 800 800 800 800 800 800 800 800 800	Abnormal 4272100 Chromium (p	pm)	
Aluminum (ppm)			42721umr 4272100000000000000000000000000000000000	Abnormal 422100 Chromium (p	pm)	
Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal			4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr 4721 Lunr	Abnormal H2721unf Chromium (p Severe Abnormal H2721unf Abnormal H2721unf Abnormal H2721unf	pm)	
Aluminum (ppm)			mq mq mq mq mq mq mq mq mq mq mq mq mq m	Abnormal H2721unr Chromium (p	pm)	
Aluminum (ppm)			mqq 00 mqq 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Abnomal HTTL: Bevere Abnomal HTTL: Bevere HTTL: Bevere HTTL: Bevere HTTL: Bevere HTTL: Bevere HTTL:	pm)	
Aluminum (ppm)			47221mn 47221mn 47221mn 300 300	Abnormal 4271unf Chromium (p 5271unf 62721unf 5271unf Severe 62721unf 5271unf 5271unf 5271unf 5271unf 5271unf 5271unf	pm)	
Aluminum (ppm)			4 200 μαd 4 200 μα 4 200 μα 4 200 μα 4 200 μα 4 200 μα 4 200 μα 4 200 μα 4 200 μα 4 200 μα 4 200 100 100 100 100 100 100 100	Abnormal P2721un P2721un Severe Abnormal P2721un Severe Severe Severe Severe Severe Severe	pm)	
Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Severe Abnomal			400 400 400 400 400 400 400 400	Abnormal F272 Lung Chromium (p Severe Abnormal F272 Lung Severe Silicon (ppm) Severe	pm)	
Aluminum (ppm)			4; 100 4; 100	Abnormal FZZ Lung Severe Abnormal FZZ Lung Severe Silicon (ppm) Severe Abnormal	pm)	
Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Severe Abnomal Copper (ppm) Copper (ppm)			4721 unf 4721 u	Abnormal H2721unr Chromium (p Severe Abnormal H2721unr Silicon (ppm) Severe Abnormal	pm)	
Aluminum (ppm)			4721 unf 4721 unf	Abnormal H2721unr Chromium (p Severe Abnormal H2721unr Silicon (ppm) Severe Abnormal H2721unr	pm)	
Aluminum (ppm)			4000	Abnormal H221um Chromium (p Severe Abnormal H221um Silicon (ppm) Severe Abnormal H221um Additives	pm)	
Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Seere Abnomal Copper (ppm) Copper (ppm) Viscosity @ 40°C			4000	Abnormal HTTP: Abnormal HTTP: Abnormal HTTP: Abnormal HTTP: HTTP: Abnormal HTTP: HTTP: Abnormal HTTP:	pm)	
Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Seere Abnomal Copper (ppm) Copper (ppm) Viscosity @ 40°C			4000 400 4000 4	Abnormal 42711un Chromium (p 42711un Silicon (ppm) Severe 4bnormal 47271un Silicon (ppm) Severe 4bnormal 42711un Abnormal 42711un Silicon (ppm) Severe 4bnormal 40711un Silicon (ppm)	pm)	
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Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Copper (ppm) Severe Abnomal brownal			40000 400000 400000 40000 40000 40000 40000 40000 40000 40000	Abnormal HZZ Lung Severe Abnormal HZZ Lung Silicon (ppm) Severe Abnormal HZZ Lung Silicon (ppm) Severe HZZ Lung Abnormal HZZ Lung HZZ HZ HZZ	pm)	
Aluminum (ppm)			4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000 4000	Abnormal H221um Chromium (p Severe Abnormal H221um Silicon (ppm) Severe Abnormal H221um Additives L221um Additives	pm)	
Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Copper (ppm) Viscosity @ 40°C Abnomal	5 Appleby	/ Line, Burlir	4000 47221unr 47221unr 47221unr 47221unr 4000 47221unr 4000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000 47221unr 4000 1000	Abnormal H2211un Chromium (p H221un Silicon (ppm) Severe Abnormal H221un Silicon (ppm) Severe Abnormal H221un F221un Abnormal H221un F2	pm)	ONTRACT
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Aluminum (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Copper (ppm) Wiscosity @ 40°C WearCheck - C8-1175 WC0914642 02642379 570012	5 Appleby Recei Teste	/ Line, Burlin ved : 17 d : 18	and the second s	Abnormal PCTrum Chromium (p PCTrum Silicon (ppm) Silicon (ppm) Silicon (ppm) Abnormal PCTrum Abnormal PCTrum Abnormal PCTrum Silicon (ppm) Severe Abnormal PCTrum Silicon (ppm) Severe Abnormal PCTrum Severe Abnormal PCTrum Silicon (ppm) Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCTrum Severe Abnormal PCT PCTrum Severe Abnormal PCT PCT PCT PCT PCT PCT PCT PCT	pm) E.C. KING C 2125 - 20TH A OWE	
Aluminum (ppm)	5 Appleby Recei Teste Diagn	/ Line, Burlin ved : 17 d : 18	and a constraint of the second	Abnormal PCTrum Chromium (p Severe Abnormal PCTUM Silicon (ppm) Silicon (ppm) Silicon (ppm) Additives Additives FCTUM Additives FCTUM F	pm) s E.C. KING C 2125 - 20TH OWE	CONTRACTI AVENUE EA EN SOUND CA N4K 5 CH DAVIS

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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