

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id JOHN DEERE 750C 6X77 (S/N T0750CX844441) Left Final Drive Fluid JOHN DEERE GL-5 80W90 (--- 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.

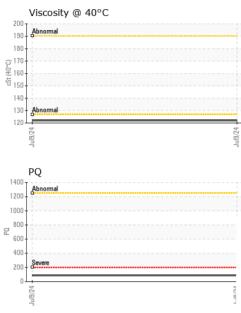
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0197053		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		3256		
Oil Age	hrs	Client Info		3005		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.075	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	87		
Iron	ppm	ASTM D5185m	>750	278		
Chromium	ppm	ASTM D5185m	>9	2		
Nickel	ppm	ASTM D5185m	>10	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>40	3		
Lead	ppm	ASTM D5185m	>15	0		
Copper	ppm	ASTM D5185m	>40	<1		
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		239		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		9		
Calcium	ppm	ASTM D5185m		279		
Phosphorus	ppm	ASTM D5185m		802		
Zinc	ppm	ASTM D5185m		111		
Sulfur	ppm	ASTM D5185m		17833		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	52		
Sodium	ppm	ASTM D5185m	>51	0		
Potassium	ppm	ASTM D5185m	>20	2		
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	LIGHT		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.075	NEG		
Free Water	scalar	*Visual		NEG		PPS - NCFFAY
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 Centificate L2367
 Test Package
 : MOBCE (Additional Tests: PQ)
 Co

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

 * - 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)

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