

JOHN DEERE 340C 740653 (S/N Z0340CX200891)

Component Hydraulic System

CASTROL UTF (--- GAL)

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

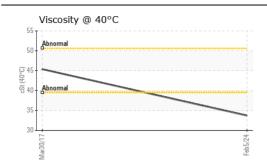
There is no indication of any contamination in the oil.

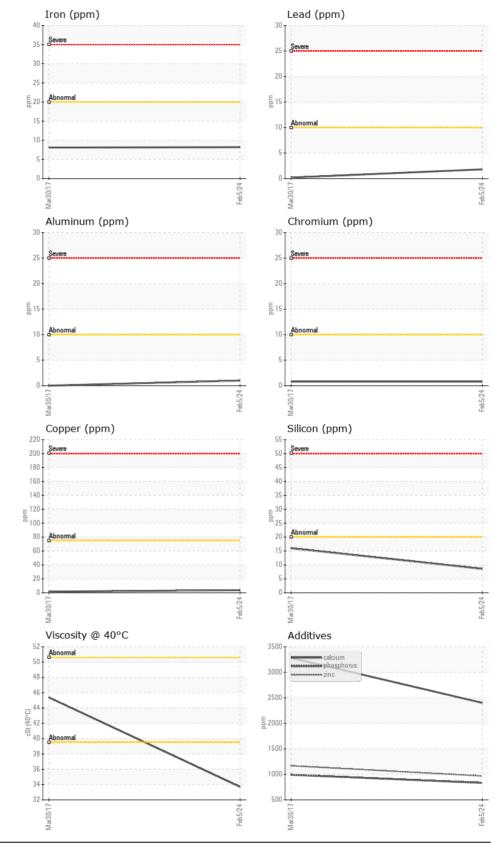
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0100966	JRMC416746	
Sample Date		Client Info		05 Feb 2024	30 Mar 2017	
Machine Age	hrs	Client Info		6526	6180	
Oil Age	hrs	Client Info		0	127	
Filter Age	hrs	Client Info		0	127	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Changed	Changed	
Sample Status			NORMAL	ABNORMAL		
				•		
Iron	ppm	ASTM D5185m	>20	8	8	
Chromium	ppm	ASTM D5185m	>10	<1	<1	
Nickel	ppm	ASTM D5185m	>10	<1	<1	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	10	0	0	
Aluminum	ppm	ASTM D5185m	>10	1	0	
Lead	ppm	ASTM D5185m	>10	2	<1	
Copper	ppm	ASTM D5185m	>75	4	2	
Tin	ppm	ASTM D5185m	>10	0	0	
Vanadium	ppm	ASTM D5185m	NONE	<1	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	9	16	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>20 >20	9 0	16 2	
				-	-	
Potassium		ASTM D5185m	>20	0	2	
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	0 NEG	2 NEG	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	0 NEG NONE	2 NEG NONE	
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	0 NEG NONE NONE	2 NEG NONE NONE	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	0 NEG NONE NONE NONE	2 NEG NONE NONE	
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	0 NEG NONE NONE NONE NORML	2 NEG NONE NONE NONE NORML	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	2 NEG NONE NONE NORML NORML NEG	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4	2 NEG NONE NONE NORML NORML NEG 3	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12	2 NEG NONE NONE NORML NORML NEG 3 7	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0	2 NEG NONE NONE NORML NORML NEG 3 7 <1	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1 <1	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2 1	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1 <1 <1 68	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2 1 2 1 97	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1 <1 <1 68 2401	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2 1 2 1 97 3282	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1 <1 68 2401 833	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2 1 2 1 97 3282 991	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1 <1 68 2401 833 967	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2 1 2 1 97 3282 991 1168	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 4 12 0 <1 <1 68 2401 833	2 NEG NONE NONE NORML NORML NEG 3 7 <1 2 1 2 1 97 3282 991	

Contact/Location: ROGER AMICK - SYNMOC





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 SYNAGRO Sample No. 284 BOGER RD : PCA0100966 Received : 26 Feb 2024 Lab Number : 06100562 MOCKSVILLE, NC Tested : 27 Feb 2024 Unique Number : 10898792 : 28 Feb 2024 - Jonathan Hester US 27028 Diagnosed Test Package : MOB 1 Contact: ROGER AMICK Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. ramick@synagro.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (336)998-7150 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)998-2155

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