

Machine Id JOHN DEERE 333G 1T0333GMVPF456525

Component Hydraulic System

JOHN DEERE HYDRAU (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

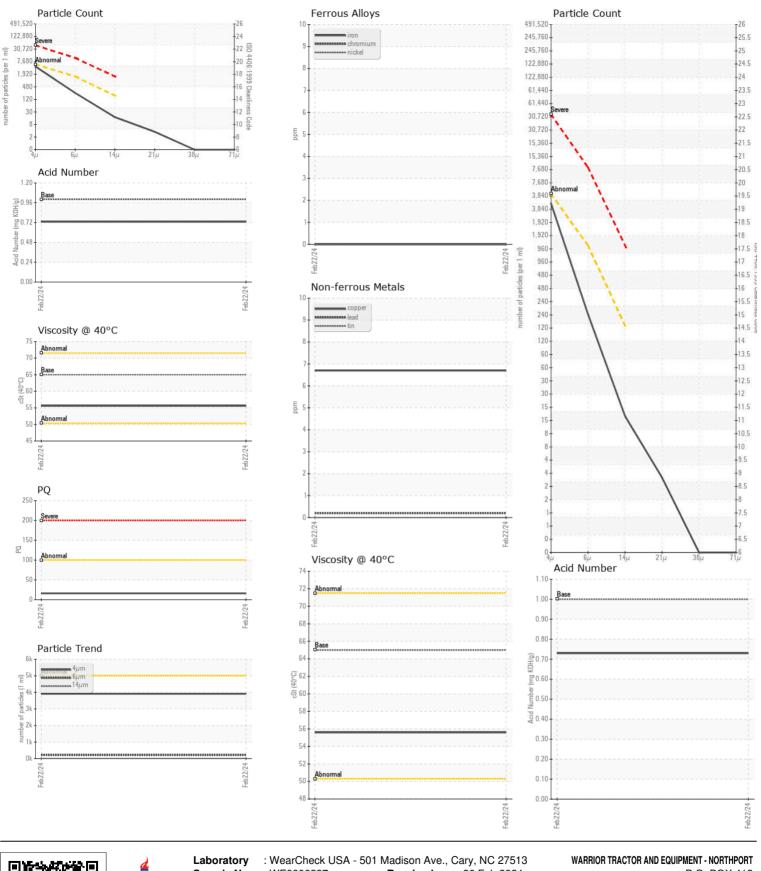
CONTAMINATION

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.

TestUOMMethodLimit/bitCurrentHistory1History2Sample NumberClient Info22 Feb 2024Machine AgehrsClient Info0Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient InfoN/AGli ChangedClient InfoN/ASample StatusN/APQASTM D5185m>100NickelppmASTM D5185m>100NickelppmASTM D5185m>100AluminumppmASTM D5185m>100AluminumppmASTM D5185m>100AduminumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m20QVanadiumppmASTM D5185m20QParticles >4µmASTM D5185m20QParticles >4µmASTM D5185m20Q							
Sample Date Client Info 22 Feb 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status Viant PQ ASTM D8184 16 Iron ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Aluminum pm ASTM D5185m >10 0 Silver ppm ASTM D5185m >10 0 Auminum pm ASTM D5185m >10 0 Vanadium pm ASTM D5185m >20 0	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Oil Charged Client Info N/A Sample Status Client Info N/A PQ ASTM D8184 16 PQ ASTM D8185m >20 0 Nickel ppm ASTM D5185m >20 0 Nickel ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Vanadium ppm ASTM D5185m	Sample Number		Client Info		WE0006287		
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Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status Client Info N/A PQ ASTM D8184 Info PQ ASTM D8185 >20 0 Chromium ppm ASTM D5185 >20 0 Nickel ppm ASTM D5185 >10 0 Auminum ppm ASTM D5185 >10 0 Lead ppm ASTM D5185 >10 0 Vanadium ppm ASTM D5185 >10 0 Vanadium ppm ASTM D5185 >0 Vellow Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual </th <th>Oil Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th>	Oil Age	hrs	Client Info		0		
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Sample Status NORMAL	•		Client Info		N/A		
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Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Yellow Metal scalar *Visual NONE NONE Potassium ppm ASTM D7647 >5000 3914 Particles >4µm ASTM D7647 >10 0 Particles >14µm ASTM D7647 >3 0 <th>Chromium</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>10</th> <th>0</th> <th></th> <th></th>	Chromium	ppm	ASTM D5185m	>10	0		
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Copper ppm ASTM D5185m >75 7 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 <1 Potassium ppm ASTM D5185m >20 0 Vater WC Method >0.1 NEG Particles >4µm ASTM D7647 >100 215 Particles >21µm ASTM D7647 >10 0 Particles >21µm ASTM D7647 >3 0 Soli Cleanliness ISO 4406 (c) >19/17/14 19/15/11	Aluminum	ppm	ASTM D5185m	>10	0		
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Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 Water WC Method >0.1 NEG Particles >4µm ASTM D7647 >5000 3914 Particles >6µm ASTM D7647 >1300 215 Particles >5µm ASTM D7647 >40 3 Particles >71µm ASTM D7647 >3 0 Paticles >71µm ASTM D7647 >3 0 Solt scalar *Visual NONE NONE Debris scalar *Visual NOR NORE Sodium ppm ASTM D5185m NORML NORE		ppm			0		
Silicon ppm ASTM D5185m >20 <1	White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 0 Water WC Method >0.1 NEG Particles >4µm ASTM D7647 >5000 3914 Particles >6µm ASTM D7647 >1300 215 Particles >14µm ASTM D7647 >160 15 Particles >21µm ASTM D7647 >10 0 Particles >38µm ASTM D7647 >10 0 Particles >71µm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >19/17/14 19/15/11 Silt scalar *Visual NONE Debris scalar *Visual NOR NORML Appearance scalar *Visual NORM NORML	Yellow Metal	scalar	*Visual	NONE	NONE		
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Odor scalar *Visual NORML Emulsified Water scalar *Visual >0.1 NEG Sodium ppm ASTM D5185m 2 Boron ppm ASTM D5185m 2 Barium ppm ASTM D5185m 21 Molybdenum ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 0 Phosphorus ppm ASTM D5185m 727 607 Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73					-		
Emulsified Water scalar *Visual >0.1 NEG Sodium ppm ASTM D5185m 2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 1 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 7 0 Phosphorus ppm ASTM D5185m 727 607 Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	• •						
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Barium ppm ASTM D5185m <1	Sodium	ppm	ASTM D5185m		2		
Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 87 124 Phosphorus ppm ASTM D5185m 727 607 Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Boron	ppm	ASTM D5185m		0		
Manganese ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m		<1		
Magnesium ppm ASTM D5185m 0 Calcium ppm ASTM D5185m 87 124 Phosphorus ppm ASTM D5185m 727 607 Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Molybdenum	ppm	ASTM D5185m		0		
Calcium ppm ASTM D5185m 87 124 Phosphorus ppm ASTM D5185m 727 607 Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Manganese	ppm	ASTM D5185m		<1		
Phosphorus ppm ASTM D5185m 727 607 Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Magnesium	ppm	ASTM D5185m		0		
Zinc ppm ASTM D5185m 900 757 Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Calcium	ppm	ASTM D5185m	87	124		
Sulfur ppm ASTM D5185m 1500 1479 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Phosphorus	ppm	ASTM D5185m	727	607		
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73	Zinc	ppm	ASTM D5185m	900	757		
	Sulfur	ppm	ASTM D5185m	1500	1479		
Visc @ 40°C cSt ASTM D445 65 55.6	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.73		
	Visc @ 40°C	cSt	ASTM D445	65	55.6		



: WE0006287 P.O. BOX 412 Sample No. Received : 26 Feb 2024 之ぞ NORTHPORT, AL Lab Number : 06100048 Tested : 27 Feb 2024 Unique Number : 10898278 : 27 Feb 2024 - Wes Davis US 35476 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: PAMELA CLARK Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. pamela@warriortractor.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (205)339-0300 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: