

Machine Id JOHN DEERE 672GP 1DW672GPVNF713114

Differential

{not provided} (--- 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

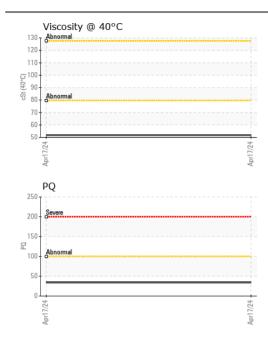
There is no indication of any contamination in the sample.

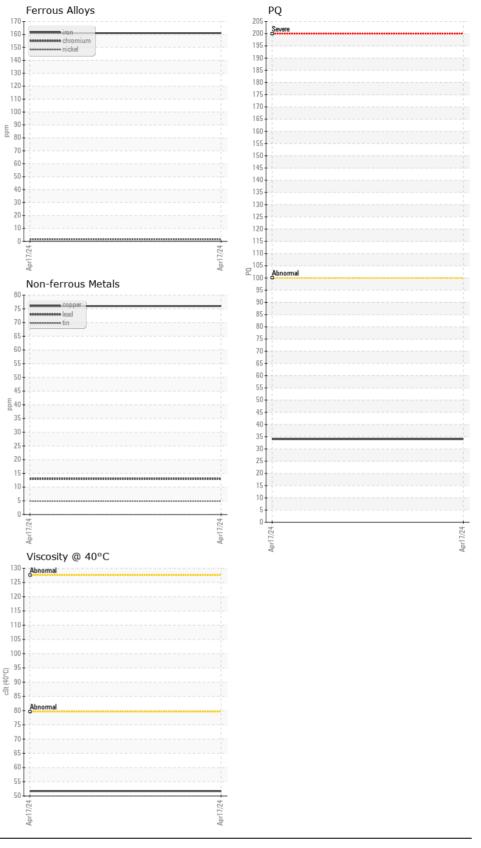
FLU	\mathbf{n}		
	\mathbf{U}		

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

TestUOMMethodLimit/AnCurrentHistory1History2Sample NumberClient InfoJR0204969Sample DateClient Info17 Apr 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Filter AgehrsClient Info0Filter AgehrsClient InfoN/AFilter ChangedClient InfoN/ASample StatusClient InfoN/APQASTM D5185>110161IronppmASTM D5185>112NickelppmASTM D5185>112NickelppmASTM D5185>112NickelppmASTM D5185>112AluminumppmASTM D5185>1113AluminumppmASTM D5185>1015VanddiumppmASTM D5185>1015SiliconppmASTM D5185>1015ValdoumppmASTM D5185>3116SiliconppmASTM D5185>316SiliconppmASTM D5185>316 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
Sample DateClient Info17 Apr 2024Machine AgehrsClient Info1967Oil AgehrsClient Info0Filter AgehrsClient InfoN/AOil ChangedClient InfoN/AFilter ChangedClient InfoN/ASample StatusClient InfoN/APQASTM D818434PQASTM D8185>150161NickelppmASTM D5185>102NickelppmASTM D5185>102NickelppmASTM D5185<113AluminumppmASTM D5185>5113AluminumppmASTM D5185>10176AgadiumppmASTM D5185>1015VanadiumppmASTM D5185>1015VanadiumppmASTM D5185>1015VanadiumppmASTM D5185>1015VanadiumppmASTM D5185>105SiliconppmASTM D5185>212SiliconppmASTM D5185>215SiliconppmASTM D5185>21SSilico	Test	UOM	Method	Limit/Abn	Current	History1	History2
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Oil Age Filter AgehrsClient Info0Filter AgehrsClient InfoN/AOil ChangedClient InfoN/AFilter ChangedClient InfoN/ASample StatusClient InfoN/APQASTM D818434IronppmASTM D8185m>1501161ChromiumppmASTM D5185m>102NickelppmASTM D5185m>102SilverppmASTM D5185m>212AluminumppmASTM D5185m>5113CopperppmASTM D5185m>1015VanadiumppmASTM D5185m>1015VanadiumppmASTM D5185m>316VanadiumppmASTM D5185m>202ValdervisualNONENONESiliconppmASTM D5185m>316SiliconppmASTM D5185m>202SiliconppmASTM D5185m>21NORESiliconppmASTM D5185m>316SiliconppmASTM D5185m<	Sample Date		Client Info		17 Apr 2024		
Filter Age hrs Client Info 0 Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 34 Chromium ppm ASTM D5185 >10 161 Chromium ppm ASTM D5185 >10 2 Nickel ppm ASTM D5185 >10 2 Silver ppm ASTM D5185 >21 2 Aluminum ppm ASTM D5185 >10 76 Lead ppm ASTM D5185 >10 5 Vandatium ppm ASTM D5185 >20 2 Value scalar 'Visual NONE NORE -	Machine Age	hrs	Client Info		1967		
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Filter Changed Client Info NA Filter Changed Client Info NA Sample Status NORMAL PQ ASTM D8185 34 Iron ppm ASTM D5185 >10 161 Nickel ppm ASTM D5185 >10 2 Nickel ppm ASTM D5185 >10 2 Silver ppm ASTM D5185 >10 2 Aluminum ppm ASTM D5185 >11 3 Aluminum ppm ASTM D5185 >10 5 Astm D5185 >10 5 Vanadium ppm ASTM D5185 >10 5 Vanadium ppm ASTM D5185 >31 6 <t< th=""><th>Filter Age</th><th>hrs</th><th>Client Info</th><th></th><th>0</th><th></th><th></th></t<>	Filter Age	hrs	Client Info		0		
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Titanium ppm ASTM D5185m <1							
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Aluminum ppm ASTM D5185m >21 2 Lead ppm ASTM D5185m >51 13 Copper ppm ASTM D5185m >101 76 Tin ppm ASTM D5185m >101 5 Vanadium ppm ASTM D5185m >10 5 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 2 Silicon ppm ASTM D5185m >20 2 Silicon ppm ASTM D5185m >20 2 Silit scalar *Visual NONE NONE Debris scalar *Visual NORM <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
Lead ppm ASTM D5185m >511 13 Copper ppm ASTM D5185m >101 76 Tin ppm ASTM D5185m >10 5 Vanadium ppm ASTM D5185m >10 5 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >31 6 Silicon ppm ASTM D5185m >20 2 Water WC Method >0.1 NEG Silt scalar *Visual NONE Debris scalar *Visual NORE Appearance scalar *Visual NORML NORML Appearance scalar *Visual				>21	_		
Copper ppm ASTM D5185m >101 76 Tin ppm ASTM D5185m >10 5 Vanadium ppm ASTM D5185m >10 5 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >31 6 Silicon ppm ASTM D5185m >20 2 Water WC Method >0.1 NEG Sadd/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Godr scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Go					_		
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VanadiumppmASTM D5185m<1			ASTM D5185m	>10	5		
White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>316PotassiumppmASTM D5185m>202WaterWC Method>0.1NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLSodiumppmASTM D5185m>512BoronppmASTM D5185m-5BariumppmASTM D5185m2ManganeseppmASTM D5185m5MagnesiumppmASTM D5185m120PhosphorusppmASTM D5185m1578ZincppmASTM D5185m1617SulfurppmASTM D5185m59599	Vanadium		ASTM D5185m		<1		
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Potassium ppm ASTM D5185m >20 2 Water WC Method >0.1 NEG Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Sodium ppm ASTM D5185m >51 2 Boron ppm ASTM D5185m 3 Molybdenum ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 5	Yellow Metal			NONE	NONE		
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Emulsified Water scalar *Visual >0.1 NEG Sodium ppm ASTM D5185m >51 2 Boron ppm ASTM D5185m >51 2 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 2 Manganese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 5 Calcium ppm ASTM D5185m 4331 Phosphorus ppm ASTM D5185m 1578 Zinc ppm ASTM D5185m 1617 Sulfur ppm ASTM D5185m 5959	Appearance	scalar	*Visual	NORML	NORML		
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Boron ppm ASTM D5185m <1	Emulsified Water	scalar	*Visual	>0.1	NEG		
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Manganese ppm ASTM D5185m 5 Magnesium ppm ASTM D5185m 120 Calcium ppm ASTM D5185m 4331 Phosphorus ppm ASTM D5185m 1578 Zinc ppm ASTM D5185m 1617 Sulfur ppm ASTM D5185m 5959	Barium	ppm	ASTM D5185m		3		
Magnesium ppm ASTM D5185m 120 Calcium ppm ASTM D5185m 4331 Phosphorus ppm ASTM D5185m 1578 Zinc ppm ASTM D5185m 1617 Sulfur ppm ASTM D5185m 5959	Molybdenum	ppm	ASTM D5185m		2		
Calcium ppm ASTM D5185m 4331 Phosphorus ppm ASTM D5185m 1578 Zinc ppm ASTM D5185m 1617 Sulfur ppm ASTM D5185m 5959	Manganese	ppm	ASTM D5185m		5		
Phosphorus ppm ASTM D5185m 1578 Zinc ppm ASTM D5185m 1617 Sulfur ppm ASTM D5185m 5959	Magnesium	ppm	ASTM D5185m		120		
Zinc ppm ASTM D5185m 1617 Sulfur ppm ASTM D5185m 5959	Calcium	ppm	ASTM D5185m		4331		
Sulfur ppm ASTM D5185m 5959	Phosphorus	ppm	ASTM D5185m		1578		
	Zinc	ppm	ASTM D5185m		1617		
Visc @ 40°C cSt ASTM D445 51.7	Sulfur	ppm	ASTM D5185m		5959		
	Visc @ 40°C	cSt	ASTM D445		51.7		

Contact/Location: NICK GALLAHER - JAMGRE





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - GREENSBORO** Sample No. : JR0204969 Received 411 SOUTH REGIONAL ROAD : 17 Apr 2024 Lab Number : 06152296 Tested GREENSBORO, NC : 18 Apr 2024 Unique Number : 10982374 Diagnosed : 22 Apr 2024 - Sean Felton US 27409 Test Package : CONST (Additional Tests: PQ) Contact: NICK GALLAHER Certificate L2367 NGALLAHER@JRENET.COM To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (336)668-2762 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)665-9556

Contact/Location: NICK GALLAHER - JAMGRE Page 2 of 2