

Machine Id

JOHN DEERE 892D-LC FF892DL006513

Right Final Drive

JOHN DEERE GL-5 80W90 (--- GAL)

Sample at the next service interval to monitor. Sample Date Client Into MB21444 M0163023	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	Liston/2
Presenting is at the hisk's service interval to montion. Sample Date Client Info 29 king 200 0.9 Mar 2020 ··· Machine Age hrs Client Info 2846 0 0 ··· Filter Age hrs Client Info 2846 0 ··· ··· Filter Age hrs Client Info 2846 0 ··· ··· Filter Age hrs Client Info Vert Mark Vert Mark ··· ··· Bitter Changed Client Info None None None ··· ··· All component wear rates are normal. PQ ASTM 0565 >9 1 4 ··· Noke pm ASTM 0565 >9 1 4 ··· Silver pm ASTM 05656 >10 0 0 ··· Silver pm ASTM 05656 >10 4 ··· ··· Qopper pm ASTM 05656 >10 0 ··· ···			UOIVI		LIIIII/AQII		-	
Machine Age hrs Client Info Image Seate	Resample at the next service interval to monitor.	•						
Oil Age hrs Client Info 2846 0 Filter Age hrs Client Info 0 0 0 Oil Change Client Info No Nothange Change Oil Change Client Info No Northange Northange Sample Status Northange Northange WEAR PQ STM D816 >750 898 350 Northange PQ STM D816 >750 398 350 Nickel pm STM D816 >750 398 350 Nickel pm STM D816 >50 Nickel pm STM D816 >50 Nickel pm STM D816 >10 Nickel pm STM D816 >10 Nickel pm STM D816 >15 0 0 Nicke ppm STM D816 >15 0 No StM D816 >15 0 -			hre					
Filter Age hrs Client Info 0 0		-						
Oil ChangedClient InfoNot ChangedChangedClient InfoNot RhangChangedChangedNot RhangChangedNot RhangNot Rhang		-						
Filter Changed Client Info None NA		-	1113					
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL WEAR Iron ppm ASTM D6164 >120 18 136 All component wear rates are normal. Iron ppm ASTM D6165 >750 398 355 Nickel ppm ASTM D5165 >9 1 4 Nickel ppm ASTM D5165 >9 1 4 Nickel ppm ASTM D5165 >9 1 4 Nickel ppm ASTM D5165 >0 1 1 All uminum ppm ASTM D5165 >40 4 8 Audinum ppm ASTM D5165 >10 1 1 Vanadium ppm ASTM D5155 40 4 1 Vanadium ppm ASTM D5155 1 1 1 Vanadium pp		-				, v	Ŭ	
WEAR PQ STM D818 >1250 18 136 All component wear rates are normal. Iron ppm ASTM D5185m >9 1 4 Nickel ppm ASTM D5185m >9 1 4 Nickel ppm ASTM D5185m >9 1 4 Nickel ppm ASTM D5185m >10 -1 -1 Nickel ppm ASTM D5185m >10 4 8 Aluminum ppm ASTM D5185m -40 4 8 Aluminum ppm ASTM D5185m -40 4 10 Aluminum ppm ASTM D5185m -40 4 10 Vanadum ppm ASTM D5185m -40 4 10 Vanadum ppm ASTM D5185m -40 4 Vanadum ppm <t< th=""><th></th><th>-</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		-						
All component wear rates are normal. Iron pm ASTM D5185m >750 398 355 Chromium ppm ASTM D5185m >9 1 4.4 Nickel ppm ASTM D5185m >9 1 4.0 Titanium ppm ASTM D5185m >10 <1 Silveo ppm ASTM D5185m >40 4 8 Aluminum ppm ASTM D5185m >40 4 1 Auminum ppm ASTM D5185m >40 4 1 Copper ppm ASTM D5185m >40 4 1 Vanadium scalar "Visual NONE MODE Vanadium scalar "Visual NONE MODE Vanadium scalar "Visual NONE MODE Micron ppm ASTM D5185m >75 31 50 Silicon ppm ASTM D5185m >20	· · · · · · · · · · · · · · · · · · ·							
All component weat rates are normal. Chromium pp ASTM D51850 >9 1 4.4 Nickel ppm ASTM D51850 >10 <1 <10 <1 < Nickel ppm ASTM D51850 >10 <1 <1 < Silver ppm ASTM D51850 V 0 0 < Alumoin ppm ASTM D51850 V 0 0 < Alumoin ppm ASTM D51850 V 0 0 < Alumoin ppm ASTM D51850 >10 0 0 < Lead ppm ASTM D51850 >10 4 0 Vanadium ppm ASTM D51850 >10 4 Vanadium scalar Visual NONE NONE Vanadium scalar Visual NONE NONE NONE Vanadium scalar Visual NONE NONE NONE Sili	WEAR	PQ		ASTM D8184	>1250	18	136	
Nickel pm ASTM D518sm >10 <1	All component wear rates are normal.	Iron	ppm	ASTM D5185m	>750	398	355	
TitaniumppmASTM D518m-<		Chromium	ppm	ASTM D5185m	>9	1	4	
Silver pm ASTM D5185 v 0 0 Aluminum ppm ASTM D5185 >40 4 8 Lead ppm ASTM D5185 >10 0 0 Copper ppm ASTM D5185 >40 4 1 Copper ppm ASTM D5185 >40 4 1 Copper ppm ASTM D5185 >40 4 1 Vanadium ppm ASTM D5185 >40 4 1 Vanadium ppm ASTM D5185 >40 4 0 Vanadium ppm ASTM D5185 >10 <1 0 Vallow Media scalar Visual NONE NONE NONE Mater pp ASTM D5185 >75 31 50 Debris scalar Visual NONE NONE <td< th=""><th></th><th>Nickel</th><th>ppm</th><th>ASTM D5185m</th><th>>10</th><th><1</th><th><1</th><th></th></td<>		Nickel	ppm	ASTM D5185m	>10	<1	<1	
Aluminum ppm ASTM D5185 >40 4 8 Lead ppm ASTM D5185 >15 0 0 Copper ppm ASTM D5185 >40 4 1 Copper ppm ASTM D5185 >40 4 1 Tin ppm ASTM D5185 >10 0 0 Vanadium ppm ASTM D5185 >10 0 White Metal scalar Visual NONE MODER White Metal scalar Visual NONE NONE NONE NONE OCONTAMINATION Ppm ASTM D5185 >75 31 50 There is no indication of any contamination in the fluid. Pdatssium pm ASTM D5185 >20 <1 20 State Visual NONE NONE NONE NONE NONE<		Titanium	ppm	ASTM D5185m		<1	<1	
Lead ppm ASTM D5185m >15 0 0 Copper ppm ASTM D5185m >40 4 1 Tin ppm ASTM D5185m >10 <1 0 Vanadium ppm ASTM D5185m >75 31 MONE NONE Vallow Metal scalar Visual NONE NONE NONE CONTAUINATION Silicon ppm ASTM D5185m >50 31 50 Sadd/Dirt scalar <th></th> <th></th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th>0</th> <th></th>			ppm	ASTM D5185m		0	0	
CopperppASTM D5185n>4041TinppASTM D5185n>100VanadiumpmASTM D5185n>100White Metalscalar*VisualNONENONEMODERYellow Metalscalar*VisualNONENONEMODERYellow Metalscalar*VisualNONEASTM D5185n>7531500NonePotassiumpmASTM D5185n>202WaterVisualNONENONENONENONENONESiliconscalar*VisualNONENONENONEWaterVisualNONENONENONENONESolituscalar*VisualNONENONENONEAppearancescalar*VisualNONENONENONEMotified Waterscalar*VisualNORENOREQodorscalar*VisualNORENORENORERemultified Waterscalar*VisualNORENORENORERemultified Waterscalar*VisualNORENORENORERemultified Waterscalar*VisualNORENORENORERemultified Waterscal		Aluminum	ppm	ASTM D5185m	>40	4	8	
Tin ppm ASTM D5185m >10 <1		Lead	ppm	ASTM D5185m	>15	0	0	
VanadiumppmASTM D5185m0<1		Copper	ppm	ASTM D5185m	>40	4	1	
White Metal Yellow Metalscalar*VisualNONENONEMODERYellow Metalscalar*VisualNONENONENONECONTAMINATIONSiliconppmASTM D5185m>753150There is no indication of any contamination in the fluid.PotassiumppmASTM D5185m>20<122WaterWC Method>0.075NEGNONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMNORMLModerscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLModerscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLFLUID CONDITIONScalurppmASTM D5185m>5112The condition of the fluid is acceptable for the time in service.ppmASTM D5185m>5112BariumppmASTM D5185mppmASTM D5185m000 <th></th> <th>Tin</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>10</th> <th><1</th> <th>0</th> <th></th>		Tin	ppm	ASTM D5185m	>10	<1	0	
Yellow Metalscalar'VisualNONENONECONTAMINATIONSiliconppmASTM D51850>753150There is no indication of any contamination in the fluid.PotassiumppmASTM D51850>20<12WaterWC Method>.0.075NEGNEGSilitscalar'VisualNONENONENONE		Vanadium	ppm	ASTM D5185m		0	<1	
CONTAMINATION Silicon ppm ASTM D5185m >75 31 500 Potassium ppm ASTM D5185m >20 <1 2 Water WC Method >0.075 NEG NEG Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Appearance scalar *Visual NORM NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 Barium ppm ASTM D5185m >51 1 2 Barium ppm ASTM D5185m >51 1 2 O 0 <t< th=""><th></th><th>White Metal</th><th>scalar</th><th>*Visual</th><th>NONE</th><th>NONE</th><th>MODER</th><th></th></t<>		White Metal	scalar	*Visual	NONE	NONE	MODER	
Potassium ppm ASTM D5185m >20 <1		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Water WC Method >0.075 NEG NEG Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORM NORM NORML Odor scalar *Visual NORM NORML NORML Emulsified Water scalar *Visual NORM NORML NORML FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 Boron ppm ASTM D5185m >1 26 3 Barium ppm ASTM D5185m 0 0	CONTAMINATION	Silicon	ppm	ASTM D5185m	>75	31	50	
Water WC Method >0.075 NEG NEG Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORM NORM NORML NORML Odor scalar *Visual NORM NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 Boron ppm ASTM D5185m >51 1 2 Barium ppm ASTM D5185m Sodi 3 3 Barium ppm ASTM D5185m Sodi 3 Barium ppm ASTM D5185m Sodi 3	There is no indication of any contamination in the fluid	Potassium	ppm	ASTM D5185m	>20	<1	2	
Debrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLNORMLFLUID CONDITIONSodiumppmASTM D5185m>5112BoronppmASTM D5185mpm2633BariumppmASTM D5185mT00		Water		WC Method	>0.075	NEG	NEG	
Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORM NORML NORML NORML Emulsified Water scalar *Visual NORM NORML NORML FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 Boron ppm ASTM D5185m < 0 0 Barium ppm ASTM D5185m 0 0		Silt	scalar	*Visual	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGFLUID CONDITIONSodiumppmASTM D5185m>5112BoronppmASTM D5185mImage: StalarImage: StalarImage: StalarImage: StalarImage: StalarBariumppmASTM D5185mImage: StalarImage: Stalar		Debris	scalar	*Visual	NONE	NONE	NONE	
Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.075 NEG NEG FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 Boron ppm ASTM D5185m C 0 0 Barium ppm ASTM D5185m C 0 0		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Water scalar *Visual >0.075 NEG NEG FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 The condition of the fluid is acceptable for the time in service. Boron ppm ASTM D5185m 6 3 Barium ppm ASTM D5185m 0 0		Appearance	scalar	*Visual	NORML	NORML	NORML	
FLUID CONDITION Sodium ppm ASTM D5185m >51 1 2 The condition of the fluid is acceptable for the time in service. Boron ppm ASTM D5185m 26 3 Barium ppm ASTM D5185m 0 0		Odor	scalar	*Visual	NORML	NORML	NORML	
Boron ppm ASTM D5185m 26 3 Barium ppm ASTM D5185m 0 0		Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	
Boron ppm ASTM D5185m 26 3 Barium ppm ASTM D5185m 0 0	FLUID CONDITION	Sodium	ppm	ASTM D5185m	>51	1	2	
Barium ppm ASTM D5185m 0 0		Boron	ppm	ASTM D5185m		26	3	
		Barium	ppm	ASTM D5185m		0	0	
Noiybaenum ppm Asim Dsixem 3 <1		Molybdenum	ppm	ASTM D5185m		3	<1	
Manganese ppm ASTM D5185m 2 3		Manganese	ppm	ASTM D5185m		2	3	
Magnesium ppm ASTM D5185m 5 7		Magnesium	ppm	ASTM D5185m		5	7	
Calcium ppm ASTM D5185m 196 98		Calcium	ppm	ASTM D5185m		196	98	
Phosphorus ppm ASTM D5185m 591 277		Phosphorus	ppm	ASTM D5185m		591	277	
Zinc ppm ASTM D5185m 172 61		Zinc	ppm	ASTM D5185m		172	61	

Sulfur

Visc @ 40°C

ppm ASTM D5185m

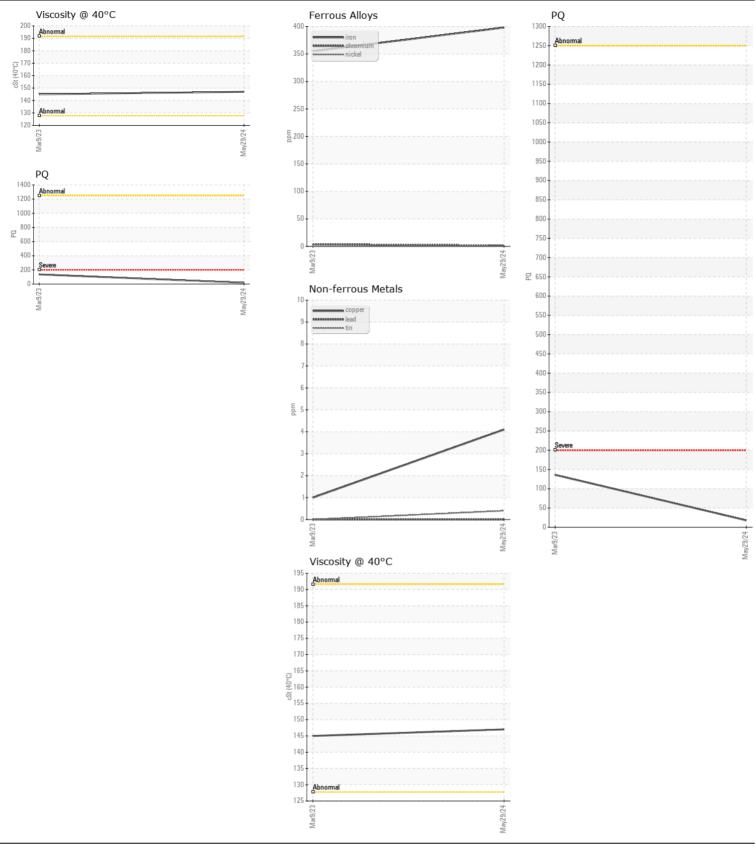
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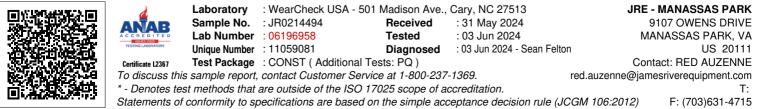
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