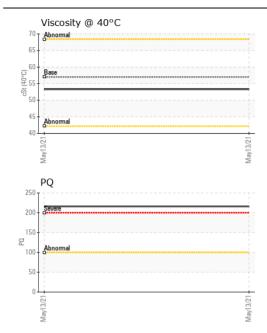


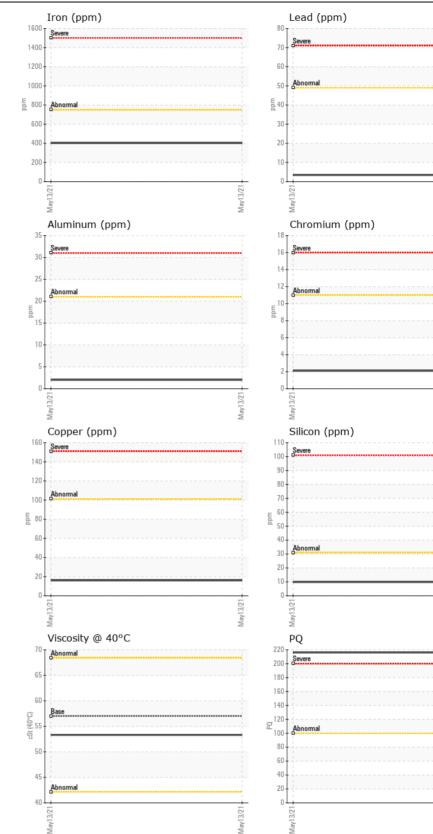
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Store 6 - Ashland [115700] JOHN DEERE 748L II 1DW748LBELF703535 Component Rear Axle

JOHN DEERE HY-GARD HYD/TRANS (9 GAL)

All component wear rates are normal. Iron pm ASTM D5185m >750 402 Chromium ppm ASTM D5185m >11 2 Nickel ppm ASTM D5185m >11 2 Nickel ppm ASTM D5185m - 44 Nickel ppm ASTM D5185m - 41 Nickel ppm ASTM D5185m - 41 Nickel ppm ASTM D5185m >10 12 Nickel ppm ASTM D5185m >49 3 Lead ppm ASTM D5185m >101 16 Copper ppm ASTM D5185m >101 16 Vanadium ppm ASTM D5185m >10 16 Vellow Metal scalar Visual NONE MODER Vellow Metal <th></th> <th></th> <th><u>, </u></th> <th></th> <th></th> <th></th> <th></th> <th></th>			<u>, </u>					
Sample Date Clent Info Is May 202 File File Machine Age hrs Clent Info 621 File File OII Age hrs Clent Info 0 621 File File OII Age hrs Clent Info 0 0 File	RECOMMENDATION		UOM		Limit/Abn		History1	History2
Machine Age Oil AgeInsClient InfoEE161 <t< th=""><th>Resample at the next service interval to monitor.</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Resample at the next service interval to monitor.							
Oil AgehraClient Info621nnnFilter AgehraClient Info00nn								
Filter Age ins Client Info 0		-						
Oil Changed Client Info Name n n Filter Changed Oil Crient Info Changed n n Bilter Changed Oil Crient Info Name Name n n WEAR Astro Derivation Ppm Astro Derivation 9400 1000 1000 All component wear rates are normal. Inon pm Astro Derivation 11 2 1000 1000 Nickel pm Astro Derivation Astro Derivation 41 1000 1000 1000 1000 Nickel pm Astro Derivation Astro Derivation 41 4000 10000		-						
Filter Changed Client Into OPanged IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		-	hrs					
Sample Status NOPMA		-				-		
PQ ATM D8134 216 1 All component wear rates are normal. Iron pm ASM D8168 >750 402 All component wear rates are normal. Iron pm ASM D8168 >11 2 Nickel ppm ASM D8168 >11 2 Nickel ppm ASM D8168 <1 All minum pm ASM D8168 <1 Aluminum pm ASM D8168 >10 Copper ppm ASM D8168 >10 16 Vanadum pm ASM D8168 >01 16 Vanadum pm ASM D8168 >01 16 Valow Metal scalar Visual NONE MODER The eis no ind		-		Client Info				
All component wear rates are normal. Iron ppm ASTM 05165m >750 402 All component wear rates are normal. Chromium ppm ASTM 05165m >11 2 Nickel ppm ASTM 05165m >10 4 Nickel ppm ASTM 05165m - 4 Nickel ppm ASTM 05165m - All uninum ppm ASTM 05165m - All uninum ppm ASTM 05165m - Anadium ppm ASTM 05165m - White Metal scalar *Visual NONE MODER CONTAMINATION Silicon ppm ASTM 0515m >-31 10 There is no indication of any contamination in the oil. Yealow wold NONE NONE Moder scalar <t< th=""><th></th><th>Sample Status</th><th></th><th></th><th></th><th>NORMAL</th><th></th><th></th></t<>		Sample Status				NORMAL		
All collipionitalit weak laties alle notititat. Chromitum ppm ASTM 05165m >11 2 Nickel ppm ASTM 05165m I 4 Titanium ppm ASTM 05165m I 4 Aluminum ppm ASTM 05165m I 1 Aluminum ppm ASTM 05165m >21 2 Aluminum ppm ASTM 05165m >21 2 Copper ppm ASTM 05165m >21 16 Vanadium ppm ASTM 05165m >101 16 Vanadium ppm ASTM 05165m >101 16 Vanadium ppm ASTM 05165m >101 16 Vanadium ppm ASTM 05165m >21 10 Vanadium ppm ASTM 05165m >21 10 There is no ind	WEAR	PQ		ASTM D8184		216		
Chromium ppm ASTM 0515m -11 2 Nickel ppm ASTM 0515m 4 Tatanium ppm ASTM 0515m Silver ppm ASTM 0515m -21 2 Aluminum ppm ASTM 0515m -21 2 Copper ppm ASTM 0515m -21 2 Copper ppm ASTM 0515m -21 16 Copper ppm ASTM 0515m -21 16 Varadium ppm ASTM 0515m -11 16 Varadium ppm ASTM 0515m -31 10 Silicon ppm ASTM 0515m -31<	All component wear rates are normal.	Iron	ppm	ASTM D5185m	>750	402		
TitaniumppmASTM DS185m<		Chromium	ppm	ASTM D5185m	>11	2		
SilverppmASTM D585m<		Nickel	ppm	ASTM D5185m		4		
Aluminum ppm ASTM D585m >-21 2 Lead ppm ASTM D585m -49 3 Copper ppm ASTM D585m 1 16 Tin ppm ASTM D585m - - Vanadium ppm ASTM D585m - 1 6 White Metal scalar Visual NONE MODER CONTAMINATION Stilicon ppm ASTM D585m -20 3 There is no indication of any contamination in the oil. Stilicon ppm ASTM D585m -20 3 Stilicon scalar Visual NONE MONE Stilicon scalar Visual NONE MONE Still D585m scalar Visual NONE <td< th=""><th></th><th>Titanium</th><th>ppm</th><th>ASTM D5185m</th><th></th><th><1</th><th></th><th></th></td<>		Titanium	ppm	ASTM D5185m		<1		
LeadppmASTM D518m>493CopperpmASTM D518m>10116TinpmASTM D518m>10116VanaiumpmMSTM D518mNONEWhile MetalscalarVisualNONEMODERYellow MetalscalarVisualNONEMODESiliconpmASTM D518m>3110MaterPotassiumpmASTM D518m>203WaterWaterWaterWC Method>0.1NONESilitscalarVisualNONEMODERSand/DitscalarVisualNONEMODEMODERAppearancescalarVisualNONENONENONEAppearancescalarVisualNONENOREFLUID CONDITIONSodiumpmASTM D518m>5167BoronpmASTM D518mASTM D518mMaiganesepmASTM D518m01MaighdenumpmASTM D518m01MaignesiumpmASTM D518m01 </th <th></th> <th></th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th><1</th> <th></th> <th></th>			ppm	ASTM D5185m		<1		
Copper ppm ASTM D5185m >101 16 Tin ppm ASTM D5185m Image: Comparison of the construction of the construction of any contamination in the cil. Vanadium ppm ASTM D5185m Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of any contamination in the cil. Silicon ppm ASTM D5185m Sol 3 Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of any contamination in the cil. Silicon ppm ASTM D5185m Sol 3 Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of any contamination in the cil. Silicon ppm ASTM D5185m Sol 3 Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of any contamination in the cil. Image: Comparison of the construction of the		Aluminum	ppm	ASTM D5185m	>21	2		
Tin pm ASTM D5185m I <1		Lead	ppm	ASTM D5185m	>49	3		
VanadiumppmASTM D5185m<		Copper	ppm	ASTM D5185m	>101	16		
White Metal Yellow MetalScalar'Visual VisualNONEMODER NONECONTAMINATIONSiliconppmASTM D516m>3110There is no indication of any contamination in the oil.PotassiumppmASTM D516m>203WaterWaterWC Method>.0.1NONEMODERSilitscalar'VisualNONEMODEDebrisscalar'VisualNONEMODESand/Dirtscalar'VisualNONEMODEAppearancescalar'VisualNORMMODEAppearancescalar'VisualNORMNORMFLUID CONDITIONSodiumppmASTM D516m67The condition of the oil is acceptable for the time in service.SodiumppmASTM D516m67MagneseppmASTM D516m610010MagnesiumppmASTM D516m1209986MagnesiumppmASTM D516m1209986MagnesiumppmASTM D516m1209986The condition of the oil			ppm					
Yellow Metalscalar"VisualNONENONEIICONTAMINATIONThere is no indication of any contamination in the oil.PidassiumppmASTM D5185m>203IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		Vanadium	ppm					
Silicon ppm ASTM D5185m >31 10 Potassium ppm ASTM D5185m >20 3 Water WC Method >0.1 NEG Silt scalar *Visual NONE MODER			scalar					
Potassium ppd ASTM D5185m p-20 3 Water Water WC Method 0.01 NDRG Silt scalar Visual NONE NONE Debris scalar Visual NONE MODER Sand/Dirt scalar Visual NONE MODER Appearance scalar Visual NORM NORM Odor scalar Visual NORM NORM Odor scalar Visual NORM NORM Odor scalar Visual NORM NORM FLUID CONDITION NORM NORM NORM Boron ppm ASTM D518m 51 6 Magaerse ppm ASTM D518m 0 1 Magaerse ppm ASTM D518m 145 100 Magaersium pmm ASTM D518m 150 160 <td< th=""><th></th><th>Yellow Metal</th><th>scalar</th><th>*Visual</th><th>NONE</th><th>NONE</th><th></th><th></th></td<>		Yellow Metal	scalar	*Visual	NONE	NONE		
Water WC Method >0.1 NREG Silt scalar *Visual NONE NONE Debris scalar *Visual NONE MODER Sand/Dirt scalar *Visual NONE MODER Appearance scalar *Visual NORM NORM Odor scalar *Visual NORM NORM Odor scalar *Visual NORM NORM Emulsified Water scalar *Visual NORM NORM The condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 6 Barium ppm ASTM D5185m 0 4 Maganesium ppm ASTM D5185m 0 4 Magnesium ppm ASTM D5185m 0 4	CONTAMINATION	Silicon	ppm	ASTM D5185m	>31	10		
WaterWC Method>0.1NEGSiltscalar*VisualNONENONEMODERDebrisscalar*VisualNONEMODERSand/Dirtscalar*VisualNONEMONEMONEAppearancescalar*VisualNORENOREOdorscalar*VisualNORENOREOdorscalar*VisualNORENOREEmulsified Waterscalar*VisualNORENORESodiumppmscalar*VisualNORE6FLUID CONDITIONSodiumppmASTM D5185>516BoronppmASTM D5185014MolybdenumppmASTM D5185014MaganeseppmASTM D5185145100CalciumppmASTM D5185150150150150150PhosphorusppmASTM D5185160120986SulfurppmASTM D51851641209966Sulfurp	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	3		
Debrisscalar*VisualNONEMODERSand/Dirtscalar*VisualNONENONE11Appearancescalar*VisualNORMNORML11Odorscalar*VisualNORMNORML11Emulsified Watescalar*VisualNORNORML11FLUID CONDITIONSodiumppmASTM D5185m>51611BoronppmASTM D5185m04111BariumppmASTM D5185m04111MolybdenumppmASTM D5185m01111MaganeseppmASTM D5185m145100111CalciumppmASTM D5185m1290966111PhosphorusppmASTM D5185m1640120911SulfurppmASTM D5185m1640120911SulfurppmASTM D5185m1640120911SulfurppmASTM D5185m1640120911SulfurppmASTM D5185m1640120911SulfurppmASTM D5185m1640120911SulfurppmASTM D5185m1640120911		Water		WC Method	>0.1	NEG		
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Appearancescalar*VisualNORMLNORMLInoremInoremOdorscalar*VisualNORMLNORMLInoremInoremInoremEmulsified Watescalar*VisualNORMLNORMLInoremInoremInoremFLUID CONDITIONSodiurppmASTM D5185m>516InoremInoremInoremBoronppmASTM D5185m04Inorem<		Debris	scalar	*Visual	NONE	MODER		
Odorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGFLUID CONDITIONSodiumppmASTM D5185m>5166BoronppmASTM D5185m67BariumppmASTM D5185m044MolybdenumppmASTM D5185m01MagnesiumppmASTM D5185m1451001MagnesiumppmASTM D5185m1200986ePhosphorusppmASTM D5185m16401209986eSulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m1640		Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Waterscalar*Visual>0.1NEGFLUID CONDITIONSodiumppmASTM D5185m>516BoronppmASTM D5185m67BariumppmASTM D5185m04MolybdenumppmASTM D5185m01ManganeseppmASTM D5185m145100MagnesiumppmASTM D5185m145100CalciumppmASTM D5185m1290986ZincppmASTM D5185m16401209SulfurppmASTM D5185m16401209SulfurppmASTM D5185m16401209		Appearance	scalar	*Visual	NORML	NORML		
FLUID CONDITION Sodium ppm ASTM D5185m >51 6 Boron ppm ASTM D5185m 6 7 Barium ppm ASTM D5185m 0 4 Molybdenum ppm ASTM D5185m 0 1 Manganese ppm ASTM D5185m 145 100 Calcium ppm ASTM D5185m 145 100 Magnesium ppm ASTM D5185m 145 100 Calcium ppm ASTM D5185m 145 100 Phosphorus ppm ASTM D5185m 145 100 Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 1209		Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 6 7 Barium ppm ASTM D5185m 0 4 Molybdenum ppm ASTM D5185m 0 1 Manganese ppm ASTM D5185m 10 1 Magnesium ppm ASTM D5185m 145 100 Magnesium ppm ASTM D5185m 145 100 Magnesium ppm ASTM D5185m 145 100 Magnesium ppm ASTM D5185m 3570 3520 Phosphorus ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 1209 <th></th> <th>Emulsified Water</th> <th>scalar</th> <th>*Visual</th> <th>>0.1</th> <th>NEG</th> <th></th> <th></th>		Emulsified Water	scalar	*Visual	>0.1	NEG		
Barium ppm ASTM D5185m 0 4 Molybdenum ppm ASTM D5185m 0 1 Manganese ppm ASTM D5185m 100 Magnesium ppm ASTM D5185m 145 100 Calcium ppm ASTM D5185m 3570 3520 Phosphorus ppm ASTM D5185m 1290 9866 Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 3088	FLUID CONDITION	Sodium	ppm	ASTM D5185m	>51	6		
BariumppmASTM D5185m04MolybdenumppmASTM D5185m0100 <td< th=""><th rowspan="3">The condition of the oil is acceptable for the time in service.</th><th>Boron</th><th>ppm</th><th>ASTM D5185m</th><th>6</th><th>7</th><th></th><th></th></td<>	The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	6	7		
Manganese ppm ASTM D5185m 7 Magnesium ppm ASTM D5185m 145 100 Calcium ppm ASTM D5185m 3570 3520 Phosphorus ppm ASTM D5185m 1290 986 Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 570 3088		Barium	ppm	ASTM D5185m	0	4		
Magnesium ppm ASTM D5185m 145 100 Calcium ppm ASTM D5185m 3570 3520 Phosphorus ppm ASTM D5185m 1290 9866 Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 3088		Molybdenum	ppm	ASTM D5185m	0	1		
Calcium ppm ASTM D5185m 3570 3520 Phosphorus ppm ASTM D5185m 1290 986 Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 3088		Manganese	ppm	ASTM D5185m		7		
Phosphorus ppm ASTM D5185m 1290 986 Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 3088		Magnesium	ppm	ASTM D5185m	145	100		
Zinc ppm ASTM D5185m 1640 1209 Sulfur ppm ASTM D5185m 1640 3088		Calcium	ppm	ASTM D5185m	3570	3520		
Sulfur ppm ASTM D5185m 3088		Phosphorus	ppm	ASTM D5185m	1290	986		
		Zinc	ppm	ASTM D5185m	1640	1209		
Visc @ 40°C cSt ASTM D445 57.0 53.3		Sulfur	ppm	ASTM D5185m		3088		
		Visc @ 40°C	cSt	ASTM D445	57.0	53.3		







Sample No. Received 105 TENNIS CENTER DR. : LEC0018632 : 17 May 2021 Lab Number : 05256507 MARIETTA, OH Tested : 18 May 2021 Unique Number : 9505417 Diagnosed : 19 May 2021 - Don Baldridge US 45750-9765 Test Package : MOBCE (Additional Tests: PQ) Contact: LEANNE KENDALL Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. KendalLeanne@lec1.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. F: (740)373-5570 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Laboratory

LESLIE EQUIPMENT COMPANY

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