

# Store 2 - Beaver

JOHN DEERE 859M 1T0859MXCPL441159

Component Pump Drive

# JÖHN DEERE HY-GARD HYD/TRANS (2 GAL)

## RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

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The iron level is abnormal. All other metal levels are typical for a new component breaking in.

### CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material.

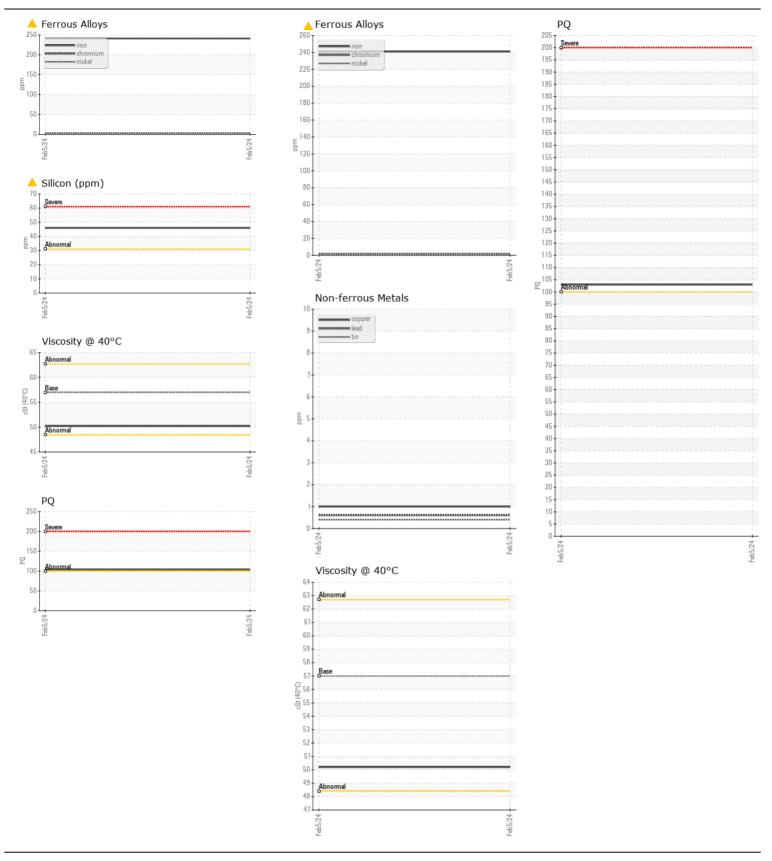
#### FLUID CONDITION

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

TestUOMMethodLimit/MCurrentHistory1History2Sample NumberClient Info05 Feb 2024Machine AgehrsClient Info395Oil AgehrsClient Info395Filter AgehrsClient InfoMot ChangedOil ChangedLCient InfoNot ChangeFilter AgehrsClient InfoNot ChangeGil ChangedClient InfoNot ChangeSample StatusClient InfoNot ChangeSample StatusASTM D5185103PQASTM D5185>112NickelppmASTM D5185>111NickelppmASTM D5185>1AluminumppmASTM D5185>511QuandiumppmASTM D5185>511Yellow Metalscala'VisualNONENONESilicenppmASTM D5185>2016Yellow Metalscala'VisualNONENONESilicenppmASTM D5185>2016Yellow Metalscala'VisualNONENONE <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Sample DateClient Info05 Feb 2024Machine AgehrsClient Info395Oil AgehrsClient Info0Filter AgehrsClient InfoNot ChangOil ChangedClient InfoNot ChangFilter ChangedClient InfoNot ChangSample StatusClient InfoNot ChangPQASTM D5180InfoStatusPQASTM D5185>102NickelppmASTM D5185>12NickelppmASTM D5185>11SilverppmASTM D5185>5144AluminumppmASTM D5185>511AuminumppmASTM D5185>511VanadiumppmASTM D5185>511VanadiumppmASTM D5185>511VanadiumppmASTM D5185>511VanadiumppmASTM D5185>511VanadiumppmASTM D5185>511SiliconppmASTM D5185>511Siliconp	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age Oil AgehrsClient InfoM395Gil AgehrsClient Info395Filter AgehrsClient InfoNot ChangdOil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusClient InfoNot ChangdPQASTM D6185101ABNORMALIronppmASTM D5185>1021NickelppmASTM D5185>10<1NickelppmASTM D5185>10<1SilverppmASTM D5185>214AluminumppmASTM D5185>214AluminumppmASTM D5185>511VanadiumppmASTM D5185>511VanadiumppmASTM D5185>511VanadiumppmASTM D5185>511ValadiumppmASTM D5185>511ValadiumppmASTM D5185>511ValadiumppmASTM D5185>511ValadiumppmASTM D5185>511Valadiump	Sample Number		Client Info		LEC0046254		
Oil Age Filter AgehrsClient Info395Filter AgehrsClient Info0Oil ChangedClient InfoNot ChangdFilter Changed0Client InfoNot ChangdSample StatusASTM D8184103PQASTM D8185>11A 241IronppmASTM D5185>112NickelppmASTM D5185>10<1SilverppmASTM D5185>11SilverppmASTM D5185>214CopperppmASTM D5185>214VanadiumppmASTM D5185>214VanadiumppmASTM D5185>21AffVanadiumppmASTM D5185>21AffVanadiumppmASTM D5185>21AffSiliconppmASTM D5185>21AffVanadiumppmASTM D5185>31AffSiliconppmASTM D5185>21AffSiliconppmASTM D5185>21AffSiliconppmASTM D5185>21NORES	Sample Date		Client Info		05 Feb 2024		
Filter Age Oil ChangedIcitient InfoOOil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusASTM D8184103PQASTM D8185>11IronppmASTM D5185>11NickelppmASTM D5185>10<1NickelppmASTM D5185>10<1NickelppmASTM D5185>1<1SilverppmASTM D5185>214AluminumppmASTM D5185>511QapperppmASTM D5185>511VanduimppmASTM D5185>511VanduimppmASTM D5185>2016Valte Metalscalar'VisualNONENONESiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SodiumppmASTM D518520 <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>395</th> <th></th> <th></th>	Machine Age	hrs	Client Info		395		
Oil ChangedClient InfoNot ChangaFilter ChangedClient InfoNot ChangaSample StatusASTM D8184103PQASTM D8185>10211IronppmASTM D8185>10211NickelppmASTM D5185>10211NickelppmASTM D5185>10NickelppmASTM D5185>10NickelppmASTM D5185>214AluminumppmASTM D5185>511AluminumppmASTM D5185>511CopperppmASTM D5185>511VanadiumppmASTM D5185>2016Yellow Metalscalar"VisualNONENONESiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016SiliconppmASTM D5185>2016Sodium<	Oil Age	hrs	Client Info		395		
Filter Changed Sample Status         Client Info         Not Chango ABNORMAL            PQ         ASTM D8184         103            PQ         ASTM D8185         >151         4 241            Iron         ppm         ASTM D5185         >11         2            Nickel         ppm         ASTM D5185         >10         <1            Nickel         ppm         ASTM D5185         1             Silver         ppm         ASTM D5185         1             Aluminum         ppm         ASTM D5185         51         <1             Aluminum         ppm         ASTM D5185         >21         4             Lead         ppm         ASTM D5185         >51         <1             Vanadium         ppm         ASTM D5185         >4         <1             Vanadium         ppm         ASTM D5185         >51         1             Vanadium         ppm         ASTM D5185         >21	Filter Age	hrs	Client Info		0		
Sample Status         ABNORMA            PQ         ASTM D8184         103            Iron         ppm         ASTM D5185         >15         4 241            Nickel         ppm         ASTM D5185         >10         <1            Nickel         ppm         ASTM D5185         >10         <1            Titanium         ppm         ASTM D5185         1             Aluminum         ppm         ASTM D5185         1             Aluminum         ppm         ASTM D5185         >51         <1            Aluminum         ppm         ASTM D5185         >51         <1            Aluminum         ppm         ASTM D5185         >51         <1            Vanadium         ppm         ASTM D5185         >51         <1            Vanadium         ppm         ASTM D5185         >4         6            Vanadium         ppm         ASTM D5185         >31             Vanadium         ppm         ASTM D5185         >1         -	Oil Changed		Client Info		Not Changd		
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Iron         ppm         ASTM D5185m         >151         A 241             Chromium         ppm         ASTM D5185m         >10         <1             Nickel         ppm         ASTM D5185m         >10         <1             Titanium         ppm         ASTM D5185m         1              Aluminum         ppm         ASTM D5185m         >21         4             Aluminum         ppm         ASTM D5185m         >21         4             Lead         ppm         ASTM D5185m         >51         1             Copper         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >31         <46            Vandotite         scalar         *Visual         NONE         NONE	Sample Status				ABNORMAL		
Iron         ppm         ASTM D5185m         >151         A 241             Chromium         ppm         ASTM D5185m         >10         <1             Nickel         ppm         ASTM D5185m         >10         <1             Titanium         ppm         ASTM D5185m         1              Aluminum         ppm         ASTM D5185m         >21         4             Aluminum         ppm         ASTM D5185m         >21         4             Lead         ppm         ASTM D5185m         >51         1             Copper         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >31         <46            Vandotite         scalar         *Visual         NONE         NONE							
ChromiumppmASTM D518sm>102NickelppmASTM D518sm>10<							
NickelppmASTM D5185m>10<1	-						
Titanium         ppm         ASTM D5185m         1             Silver         ppm         ASTM D5185m         >21         4             Aluminum         ppm         ASTM D5185m         >21         4             Lead         ppm         ASTM D5185m         >51         <1             Copper         ppm         ASTM D5185m         >51         1             Yanadium         ppm         ASTM D5185m         >4         <1             White Metal         scalar         *Visual         NONE         NONE             Yellow Metal         scalar         *Visual         NONE         NONE             Silicon         ppm         ASTM D5185m         >20         16             Water         WC Method         >0.1         NEG             Silit         scalar         *Visual         NONE         NORE             Qdor         scalar         *Visual         NORM					_		
Silver         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m<>21         4             Lead         ppm         ASTM D5185m<>51         1             Copper         ppm         ASTM D5185m         >51         1             Tin         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >4         <1             Vanadium         ppm         ASTM D5185m         >4         6             Vanadium         ppm         ASTM D5185m         >31         A         46             Vellow Metal         scalar         *Visual         NONE         NONE             Silicon         ppm         ASTM D5185m         >20         16             Silit         scalar         *Visual         NONE         <				>10			
Aluminum         ppm         ASTM D5185m         >21         4            Lead         ppm         ASTM D5185m         >51         <1					-		
Lead         ppm         ASTM D5185m         >51         <1				0.1	-		
Copper         ppm         ASTM D5185m         >51         1            Tin         ppm         ASTM D5185m         >4         <1					-		
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White Metal         scalar         *Visual         NONE         NONE             Yellow Metal         scalar         *Visual         NONE         NONE             Silicon         ppm         ASTM D5185m<>31         ▲ 46             Potassium         ppm         ASTM D5185m<>20         16             Water         WC Method >0.1         NEG              Silt         scalar         *Visual         NONE         NONE             Debris         scalar         *Visual         NONE         NONE             Sand/Dirt         scalar         *Visual         NORE             Appearance         scalar         *Visual         NORML         NORML             Odor         scalar         *Visual         NORML         NORML             Sodium         ppm         ASTM D5185m         >51         22             Boron         ppm         ASTM D5185m         0         1<		ppm		>4	<1		
Yellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>31▲ 46PotassiumppmASTM D5185m>2016WaterWC Method>0.1NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMNORMLOdorscalar*VisualNORMNORMLSodiumppmASTM D5185m>5122BoronppmASTM D5185m01MolybdenumppmASTM D5185m01ManganeseppmASTM D5185m33MagnesiumppmASTM D5185m145103PhosphorusppmASTM D5185m1290975ZincppmASTM D5185m16401132SulfurppmASTM D5185m16401132SulfurppmASTM D5185m16401132SulfurppmASTM D5185m16401132Sulfur <th></th> <th>ppm</th> <th></th> <th></th> <th>-</th> <th></th> <th></th>		ppm			-		
Silicon       ppm       ASTM D5185m<>31       ▲ 46           Potassium       ppm       ASTM D5185m<>20       16           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           Sodium       ppm       ASTM D5185m       >51       22           Boron       ppm       ASTM D5185m       0       11           Molybdenum       ppm       ASTM D5185m       0       1           Manganese       ppm       ASTM D5185m       145       103           Magnesium       ppm       ASTM D5185m       1290 <th></th> <th>scalar</th> <th></th> <th></th> <th></th> <th></th> <th></th>		scalar					
Potassium         ppm         ASTM D5185m         >20         16            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         NORM         NORML            Odor         scalar         *Visual         NORM         NORML            Sodium         ppm         ASTM D5185m         >51         22            Sodium         ppm         ASTM D5185m         >51         22            Boron         ppm         ASTM D5185m         0         13            Molybdenum         ppm         ASTM D5185m         0         1            Magnesium         ppm         ASTM D5185m         0         1            Magnesium         ppm         ASTM D5185m         145         103            <	Yellow Metal	scalar	*Visual	NONE	NONE		
PotassiumppmASTM D5185m>2016WaterWC Method>0.1NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNORMLSodiumppmASTM D5185m>5.122BoronppmASTM D5185m011MalganeseppmASTM D5185m01MagnesiumppmASTM D5185m145103PhosphorusppmASTM D5185m1290975ZincppmASTM D5185m16401132MagnesiumppmASTM D5185m1290975PhosphorusppmASTM D5185m16401132ZincppmASTM D5185m16401132MagnesiumppmASTM D5185m16401132MagnesiumppmASTM D5185m16401132PhosphorusppmASTM D5185m16401132-							
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Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNORNOREAppearancescalar*VisualNORMNORMLOdorscalar*VisualNORMLNORMLDdorscalar*VisualNORMLNORMLBusified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185m>5122BoronppmASTM D5185m6113BariumppmASTM D5185m039MolybdenumppmASTM D5185m01MagnesiumppmASTM D5185m145103PhosphorusppmASTM D5185m1290975ZincppmASTM D5185m16401132ManganeseppmASTM D5185m16401132PhosphorusppmASTM D5185m16401132SulfurppmASTM D5185m16401132							
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Odor         scalar         *Visual         NORML         NORML            Emulsified Water         scalar         *Visual         >0.1         NEG            Sodium         ppm         ASTM D5185m         >51         22             Boron         ppm         ASTM D5185m         6         13             Barium         ppm         ASTM D5185m         0         39             Molybdenum         ppm         ASTM D5185m         0         1             Manganese         ppm         ASTM D5185m         0         1             Magnesium         ppm         ASTM D5185m         145         103             Phosphorus         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         1640 </th <th>Potassium Water Silt</th> <th>ppm scalar</th> <th>ASTM D5185m WC Method *Visual</th> <th>&gt;20 &gt;0.1 NONE</th> <th>16 NEG NONE</th> <th></th> <th></th>	Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	16 NEG NONE		
Emulsified Water         scalar         *Visual         >0.1         NEG            Sodium         ppm         ASTM D5185m         >51         22             Boron         ppm         ASTM D5185m         6         13             Barium         ppm         ASTM D5185m         0         39             Molybdenum         ppm         ASTM D5185m         0         1             Manganese         ppm         ASTM D5185m         0         1             Magnesium         ppm         ASTM D5185m         145         103             Phosphorus         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         1640         3772	Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	16 NEG NONE NONE		
Sodium         ppm         ASTM D5185m         >51         22            Boron         ppm         ASTM D5185m         6         13             Barium         ppm         ASTM D5185m         0         39             Molybdenum         ppm         ASTM D5185m         0         1             Manganese         ppm         ASTM D5185m         0         1             Magnesium         ppm         ASTM D5185m         145         103             Calcium         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         1640         1132	Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	16 NEG NONE NONE NONE		
Boron         ppm         ASTM D5185m         6         13            Barium         ppm         ASTM D5185m         0         39            Molybdenum         ppm         ASTM D5185m         0         1            Molybdenum         ppm         ASTM D5185m         0         1            Manganese         ppm         ASTM D5185m         13             Magnesium         ppm         ASTM D5185m         145         103             Calcium         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         640         3772	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	16 NEG NONE NONE NONE NORML	  	
Boron         ppm         ASTM D5185m         6         13            Barium         ppm         ASTM D5185m         0         39            Molybdenum         ppm         ASTM D5185m         0         1            Molybdenum         ppm         ASTM D5185m         0         1            Manganese         ppm         ASTM D5185m         13             Magnesium         ppm         ASTM D5185m         145         103             Calcium         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         640         3772	Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	16 NEG NONE NONE NONE NORML NORML	   	
Barium         ppm         ASTM D5185m         0         39            Molybdenum         ppm         ASTM D5185m         0         1             Manganese         ppm         ASTM D5185m         0         1             Magnesium         ppm         ASTM D5185m         145         103             Calcium         ppm         ASTM D5185m         145         103             Phosphorus         ppm         ASTM D5185m         3570         3184             Zinc         ppm         ASTM D5185m         1290         975             Sulfur         ppm         ASTM D5185m         1640         1132	Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	16 NEG NONE NONE NONE NORML NORML	   	
Molybdenum         ppm         ASTM D5185m         0         1            Manganese         ppm         ASTM D5185m         3             Magnesium         ppm         ASTM D5185m         145         103             Calcium         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         640         1132	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 ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	16 NEG NONE NONE NORML NORML NEG 22		
Manganese         ppm         ASTM D5185m         3            Magnesium         ppm         ASTM D5185m         145         103            Calcium         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         640         3772	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	16 NEG NONE NONE NORML NORML NEG 22		
Magnesium         ppm         ASTM D5185m         145         103             Calcium         ppm         ASTM D5185m         3570         3184             Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         640         3772	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 >0.1 >51	16 NEG NONE NONE NORML NORML NEG 22 13		
Calcium         ppm         ASTM D5185m         3570         3184            Phosphorus         ppm         ASTM D5185m         1290         975             Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         C         3772	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 >0.1 >51 6 0	16 NEG NONE NONE NORML NORML NEG 22 13 39		
Phosphorus         ppm         ASTM D5185m         1290         975            Zinc         ppm         ASTM D5185m         1640         1132             Sulfur         ppm         ASTM D5185m         640         3772	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 >0.1 >51 6 0	16 NEG NONE NONE NORML NORML NEG 22 13 39 1 3		
Zinc         ppm         ASTM D5185m         1640         1132            Sulfur         ppm         ASTM D5185m         640         3772	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML >0.1 >51 6 0	16 NEG NONE NONE NORML NORML NEG 22 13 39 1 3		
Sulfur         ppm         ASTM D5185m         3772	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 ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1 551 6 0 0 0	16 NEG NONE NONE NORML NORML NEG 22 13 39 1 3 39 1 3 103		
	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>&gt;0.1</li> <li>&gt;51</li> <li>6</li> <li>0</li> <li>0</li> <li>145</li> <li>3570</li> </ul>	16 NEG NONE NONE NORML NORML NEG 22 13 39 1 3 39 1 3 3184		
Visc @ 40°C cSt ASTM D445 57.0 50.2	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.1</li> <li>&gt;51</li> <li>6</li> <li>0</li> <li>0</li> <li>145</li> <li>3570</li> <li>1290</li> </ul>	16 NEG NONE NONE NORML NORML NEG 22 13 39 1 3 39 1 3 103 3184 975		
	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum 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	<ul> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.1</li> <li>&gt;51</li> <li>6</li> <li>0</li> <li>0</li> <li>145</li> <li>3570</li> <li>1290</li> </ul>	16 NEG NONE NONE NORML NORML NEG 22 13 39 1 3 103 3184 975 1132		

Submitted By: STORE5 - CROSS LANES - NEIL BALL



LESLIE EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 口論論 Ξ 105 TENNIS CENTER DR. Sample No. : LEC0046254 Received : 23 Feb 2024 Lab Number : 06099431 Tested : 27 Feb 2024 MARIETTA, OH Unique Number : 10897661 : 27 Feb 2024 - Don Baldridge US 45750-9765 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: LEANNE KENDALL Certificate L2367 KendalLeanne@lec1.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: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (740)373-5570

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