

### Store 2 - Beaver

## JOHN DEERE 460P 1DW460PACPFB06217

# Hydraulic System

## JOHN DEERE HYDRAU (47 GAL)

RECOMMENDATION
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Resample at the next service interval to monitor.

#### **WEAR**

All component wear rates are normal.

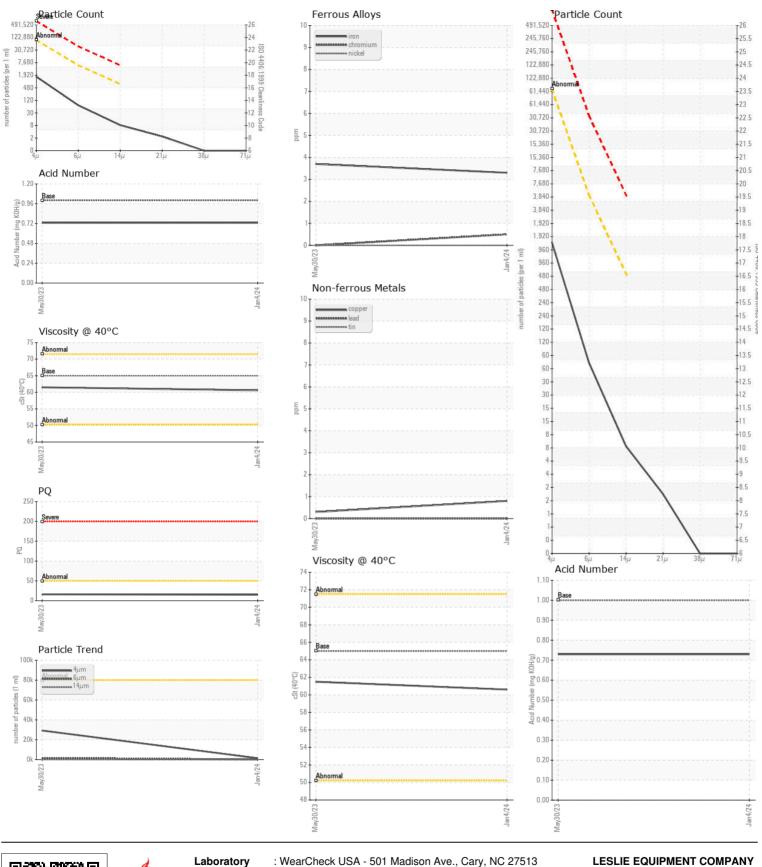
#### CONTAMINATION

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.

Test         UOM         Method         Limit/ab         Current         History1         History2           Sample Dumber         Cilent Info         04 Jan224         30 May 2023            Machine Age         hrs         Cilent Info         04 Jan224         30 May 2023            Oil Age         hrs         Cilent Info         1036         495            Oil Changed         Cilent Info         1036         495            Oil Changed         Cilent Info         Not Changd         Not Changd            Sample Status         Cilent Info         Not Changd          Not Changd            Sample Status         Cilent Info         Not Changd         Not Changd            Sample Status         Vistor         Not Changd          Not Changd            Sample Status         Pom         ASTM D5185         >11         0             Rokel         ppm         ASTM D5185         >11         0             Silver         ppm         ASTM D5185         >11         0            Silver							
Sample Date         Client Info         04 Jan 2024         30 May 2023            Machine Age         hrs         Client Info         1036         495            Oil Age         hrs         Client Info         1036         495            Oil Changed         Scient Info         1036         495            Oil Changed         Client Info         Not Changd         Not Changd            Sample Status         Client Info         Not Changd         Not Changd            PQ         ASTM D5165m         >71         3         4            Iron         ppm         ASTM D5165m         >11         -1         0            Nickel         ppm         ASTM D5165m         >11         0             Silver         ppm         ASTM D5165m         >11         0         <-1            Lead         ppm         ASTM D5165m         >21         <1         <1            Vanadium         ppm         ASTM D5165m         >21         <1         <1            Vanadium         ppm         ASTM D5165m	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age Oil Age         hrs         Client Info         1036         495            Filter Age         hrs         Client Info         1036         495            Filter Age         hrs         Client Info         Not Changd         Vot Changd            Filter Changed         Client Info         Not Changd         Not Changd            Sample Status         Client Info         Not Changd         Not Changd            PQ         ASTM D5185m         71         3         4            Chromium         ppm         ASTM D5185m         0         0            Nickel         ppm         ASTM D5185m         0         0            Aluminum         ppm         ASTM D5185m         >11         0            Lead         ppm         ASTM D5185m         >11         0            Vanadium         ppm         ASTM D5185m         >10         0            Vanadium         ppm         ASTM D5185m         >20         0            Vanadium         ppm         ASTM D5185m         >20         0 <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>LEC0047313</th> <th>LEC0040617</th> <th></th>	Sample Number		Client Info		LEC0047313	LEC0040617	
Oil Age         hrs         Client Info         1036         495            Filter Age         hrs         Client Info         Not Changd         Not Changd         Not Changd            Gil Changed         Client Info         Not Changd         Not Changd         Not Changd            Sample Status         Nor RMAL         Nor RMAL         Nor RMAL            PQ         ASTM D5185m         >71         3         4            Iron         ppm         ASTM D5185m         >71         3         4            Nickel         ppm         ASTM D5185m         >6         0             Nickel         ppm         ASTM D5185m         >11         0             Silver         ppm         ASTM D5185m         >13         0         0            Lead         ppm         ASTM D5185m         >13         0         0            Visual         NONE         NONE         NONE         NONE             Visual         NONE         NONE         NONE	Sample Date		Client Info		04 Jan 2024	30 May 2023	
Filter Age         hrs         Client Info         1036         495            Oil Changed         Client Info         Not Changd         Not Changd         Not Changd            Sample Status         Client Info         Not Rhangd         Not Changd            Sample Status         Nor MORMAL         Nor Changd            PQ         ASTM D8185m         >71         3         4            Chromium         ppm         ASTM D5185m         >11         <1         0            Nickel         ppm         ASTM D5185m         >6         0         0            Aluminum         ppm         ASTM D5185m         >11         0         <1            Lead         ppm         ASTM D5185m         >13         0         0            Vanadium         ppm         ASTM D5185m         >1         0         0            Value         scalar         *Visual         NONE         NONE         NONE            Value         scalar         *Visual         NONE         NONE             Vellow Metal	Machine Age	hrs	Client Info		1036	495	
Oil Changed Filter Changed Sample Status         Client Info Client Info         Not Changd NORMAL         Not Changd NORMAL Not Changd NORMAL NORMAL           PQ         ASTM D8184         >50         15         16            PQ         ASTM D8184         >50         15         16            Chromium         ppm         ASTM D5185m         >1         0            Nickel         ppm         ASTM D5185m         0         0            Nickel         ppm         ASTM D5185m         0         0            Silver         ppm         ASTM D5185m         >11         0            Lead         ppm         ASTM D5185m         >13         0         0            Vanadium ppm         ASTM D5185m         >13         0         0            Vanadum ppm         ASTM D5185m         >21         <-1         <            Vanadum ppm         ASTM D5185m         >24         <1         <1            Vanadum ppm         ASTM D5185m         >24         <1         <1            Yellow Metal         scala	Oil Age	hrs	Client Info		1036	495	
Filter Changed Sample Status         Client Info         Not Changd NORMAL         Not Changd NORMAL            PQ         ASTM D8184         >50         15         16            Iron         ppm         ASTM D5185m         >71         3         4            Chromium         ppm         ASTM D5185m         >71         3         4            Nickel         ppm         ASTM D5185m         >60         0            Nikkel         ppm         ASTM D5185m         0         0            Silver         ppm         ASTM D5185m         >11         0         0            Lead         ppm         ASTM D5185m         >13         0         0            Vanadium         ppm         ASTM D5185m         >20         0         0            Vanadium         ppm         ASTM D5185m         >20         0         2            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >20         0         2	Filter Age	hrs	Client Info		1036	495	
Sample Status         NORMAL         NORMAL         NORMAL            PQ         ASTM D8184         >50         15         16            Iron         ppm         ASTM D5185m         >11         <1         0            Nickel         ppm         ASTM D5185m         >11         <1         0            Nickel         ppm         ASTM D5185m         >10         0            Aluminum         ppm         ASTM D5185m         >11         0         <1            Aluminum         ppm         ASTM D5185m         >13         0         0            Aluminum         ppm         ASTM D5185m         >21         <1         <1            Vanadium         ppm         ASTM D5185m         >21         <1         <1            Veltow Metal         scalar         *Visual         NONE         NONE         NONE            Veltow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >24         <1         <1	Oil Changed		Client Info		Not Changd	Not Changd	
PQ         ASTM D8184         >50         15         16	Filter Changed		Client Info		Not Changd	Not Changd	
Iron         ppm         ASTM D5185m         >71         3         4            Chromium         ppm         ASTM D5185m         >11         <1         0            Nickel         ppm         ASTM D5185m         >6         0         0            Titanium         ppm         ASTM D5185m         >6         0         0            Aluminum         ppm         ASTM D5185m         >13         0         0            Lead         ppm         ASTM D5185m         >13         0         0            Vanadium         ppm         ASTM D5185m         >10         0             Vanadum         ppm         ASTM D5185m         0         0             Vallow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >20         0         2            Particles >4µm         ASTM D7647         >80000         14400         29281            Particles >51µm         ASTM D7647         >160         2	Sample Status				NORMAL	NORMAL	
Iron         ppm         ASTM D5185m         >71         3         4            Chromium         ppm         ASTM D5185m         >11         <1         0            Nickel         ppm         ASTM D5185m         >6         0         0            Titanium         ppm         ASTM D5185m         >6         0         0            Aluminum         ppm         ASTM D5185m         >13         0         0            Lead         ppm         ASTM D5185m         >13         0         0            Vanadium         ppm         ASTM D5185m         >10         0             Vanatium         ppm         ASTM D5185m         >0         0             Vallow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >20         0         2            Particles >4µm         ASTM D7647         >5000         62         1764            Particles >51µm         ASTM D7647         >160         2							
Chromium         ppm         ASTM D5185m         >11         <1					-		
Nickel         ppm         ASTM D5185m         >6         0         0            Titanium         ppm         ASTM D5185m         0         <1            Silver         ppm         ASTM D5185m         0         0            Aluminum         ppm         ASTM D5185m         >11         0         0            Lead         ppm         ASTM D5185m         >21         <1         <1            Copper         ppm         ASTM D5185m         >5         0         0            Vanadium         ppm         ASTM D5185m         >5         0         0            Vanadium         ppm         ASTM D5185m         >24         <1         <1            Vellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D7647         >80000         1440         29281            Particles >4µm         ASTM D7647         >640         7         109            Particles >4µm         ASTM D7647         >10         0         0							
Titanium         ppm         ASTM D5185m         0         <1							
Silver         ppm         ASTM D5185m         0         0            Aluminum         ppm         ASTM D5185m         >11         0         <1            Lead         ppm         ASTM D5185m         >13         0         0            Copper         ppm         ASTM D5185m         >21         <1         <1            Tin         ppm         ASTM D5185m         >5         0         0            White Metal         scalar         *Visual         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Potassium         ppm         ASTM D5185m         >20         0         2            Water         WC Method         >0.075         NEG         NEG            Particles >4µm         ASTM D7647         >640         7         109            Particles >4µm         ASTM D7647         >10         0         0            Particles >1µm         ASTM D7647         >10         0         0				>6	-	-	
Aluminum         ppm         ASTM D5185m         >11         0         <1					-		
Lead         ppm         ASTM D5185m         >13         0         0            Copper         ppm         ASTM D5185m         >21         <1         <1            Tin         ppm         ASTM D5185m         >5         0         0            Vanadium         ppm         ASTM D5185m         >5         0         0            White Metal         scalar         *Visual         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >24         <1         <1            Potassium         ppm         ASTM D5185m         >20         0         2            Particles >4µm         ASTM D7647         >80000         1440         29281            Particles >1µm         ASTM D7647         >640         7         109            Particles >1µm         ASTM D7647         >40         0         2            Particles >1µm         ASTM D7647         >10         0         0					-	-	
Copper         ppm         ASTM D5185m         >21         <1					-		
Tin         ppm         ASTM D5185m         >5         0         0				-	-	-	
Vanadium         ppm         ASTM D5185m         0         0            White Metal         scalar         *Visual         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >24         <1							
White Metal         scalar         *Visual         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >20         0         2            Potassium         ppm         ASTM D5185m         >20         0         2            Water         WC Method         >0.075         NEG         NEG            Particles >4µm         ASTM D7647         >600         1440         29281            Particles >6µm         ASTM D7647         >640         7         109            Particles >14µm         ASTM D7647         >40         0         2            Particles >38µm         ASTM D7647         >10         0            Oil Cleanliness         ISO 4406 (c)         >23/9/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE            Agpearance         scalar         *Visual         NORM         NORML         NORML				>5	-		
Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >24         <1         <1            Potassium         ppm         ASTM D5185m         >20         0         2            Water         WC Method         >0.075         NEG         NEG            Particles >4µm         ASTM D7647         >8000         1440         29281            Particles >14µm         ASTM D7647         >640         7         109            Particles >21µm         ASTM D7647         >160         2         266            Particles >21µm         ASTM D7647         >100         0             Particles >21µm         ASTM D7647         >10         0         0            Particles >21µm         ASTM D7647         >10         0         0            Particles >21µm         ASTM D7647         >10         0         0            Silt         scalar         *Visual         NONE         NONE            Sold cleanliness         scal				NONE	-		
Silicon         ppm         ASTM D5185m         >24         <1				-			
Potassium         ppm         ASTM D5185m         >20         0         2            Water         WC Method         >0.075         NEG         NEG            Particles >4µm         ASTM D7647         >80000         1440         29281            Particles >6µm         ASTM D7647         >600         62         1764            Particles >6µm         ASTM D7647         >600         62         1764            Particles >14µm         ASTM D7647         >160         2         26            Particles >38µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NOR         NORML         NORML            Agpearance         scalar         *Visual         NORML         NORML            <	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Potassium         ppm         ASTM D5185m         >20         0         2            Water         WC Method         >0.075         NEG         NEG            Particles >4µm         ASTM D7647         >80000         1440         29281            Particles >6µm         ASTM D7647         >600         62         1764            Particles >6µm         ASTM D7647         >600         62         1764            Particles >14µm         ASTM D7647         >160         2         26            Particles >38µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NOR         NORML         NORML            Agpearance         scalar         *Visual         NORML         NORML            <	Silicon	nom	AGTM D5185m	> 24	-1	-1	
Water         WC Method         >0.075         NEG         NEG            Particles >4µm         ASTM D7647         >80000         1440         29281            Particles >6µm         ASTM D7647         >5000         62         1764            Particles >14µm         ASTM D7647         >640         7         109            Particles >21µm         ASTM D7647         >40         0         2            Particles >38µm         ASTM D7647         >40         0         2            Particles >71µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         \$23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Soldrin         scalar         *Visual         NOR         NORM         NORML            Appearance         scalar         *Visual         NOR         NORM         NORML							
Particles >4μm         ASTM D7647         >80000         1440         29281            Particles >6μm         ASTM D7647         >5000         62         1764            Particles >14μm         ASTM D7647         >640         7         109            Particles >21μm         ASTM D7647         >160         2         26            Particles >38µm         ASTM D7647         >40         0         2            Particles >71µm         ASTM D7647         >10         0         0            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         \$23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NORM         NORM            Agpearance         scalar         *Visual         NORM         NORML         NORML            Boron         ppm         ASTM D5185m         >21         2         <1 <th></th> <th>ρριι</th> <th></th> <th>-</th> <th>-</th> <th></th> <th></th>		ρριι		-	-		
Particles >6μm         ASTM D7647         >5000         62         1764            Particles >14μm         ASTM D7647         >640         7         109            Particles >21μm         ASTM D7647         >160         2         26            Particles >38µm         ASTM D7647         >10         0         2            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NORM         NORML         NORML            Appearance         scalar         *Visual         NORM         NORML         NORML            Gdor         scalar         *Visual         NORM         NORML         NORML            Boron         ppm         ASTM D5185m         >21         2         <1							
Particles >14µm         ASTM D7647         >640         7         109            Particles >21µm         ASTM D7647         >160         2         26            Particles >38µm         ASTM D7647         >40         0         2            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Godor         scalar         *Visual         NORM         NORML         NORML            Boron         ppm         ASTM D5185m         >21         2         <1            Barium         ppm         ASTM D5185m         20         0         0            Magnesium         ppm         ASTM D5185m         0         0							
Particles >21µm         ASTM D7647         >160         2         26            Particles >38µm         ASTM D7647         >40         0         2            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         LIGHT            Sand/Dirt         scalar         *Visual         NOR         NORE         NORML            Appearance         scalar         *Visual         NORM         NORML         NORML            Godr         scalar         *Visual         NORM         NORML         NORML            Boron         ppm         ASTM D5185m         >21         2         <1            Boron         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         <         -	·				-		
Particles >38µm         ASTM D7647         >40         0         2            Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         LIGHT            Sand/Dirt         scalar         *Visual         NONE         NONE         NORE            Appearance         scalar         *Visual         NORM         NORML         NORML            Odor         scalar         *Visual         NORM         NORML         NORML            Boron         scalar         *Visual         >0.075         NEG         NEG            Boron         ppm         ASTM D5185m         >21         2         <1            Boron         ppm         ASTM D5185m          0         0            Malganese         ppm         ASTM D5185m         I							
Particles >71µm         ASTM D7647         >10         0         0            Oil Cleanliness         ISO 4406 (c)         >23/19/16         18/13/10         22/18/14            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         LIGHT            Sand/Dirt         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Odor         scalar         *Visual         NORM         NORML         NORML            Emulsified Water         scalar         *Visual         >0.075         NEG         NEG            Sodium         ppm         ASTM D5185m         >21         2         <1            Boron         ppm         ASTM D5185m         >21         2         <1            Molybdenum         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m <t< th=""><th></th><th></th><th></th><th></th><th>_</th><th></th><th></th></t<>					_		
Oil CleanlinessISO 4406 (c)>23/19/1618/13/1022/18/14Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONELIGHTSand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>212<1BoronppmASTM D5185m>212<1MolybdenumppmASTM D5185m00MagnesiumppmASTM D5185m0<1MagnesiumppmASTM D5185m727611621ZincppmASTM D5185m900828836SulfurppmASTM D5185m1.013781852Acid Number (AN)mg KOHgASTM D5185m1.00.73				-	-		
Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONELIGHTSand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>212<1BoronppmASTM D5185m000BariumppmASTM D5185m000MalganeseppmASTM D5185m001MagnesiumppmASTM D5185m878490PhosphorusppmASTM D5185m900828836ZincppmASTM D5185m150013781852Acid Number (AN)mg KOHgASTM D5185m1.00.73					-	-	
Debrisscalar*VisualNONENONELIGHTSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>212<1BoronppmASTM D5185m000BariumppmASTM D5185m000MolybdenumppmASTM D5185m00MagneseppmASTM D5185m01MagnesiumppmASTM D5185m727611621PhosphorusppmASTM D5185m900828836ZincppmASTM D5185m150013781852Acid Number (AN)mg KOHgASTM D8451.00.73		scalar					
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>212<1BoronppmASTM D5185m00BariumppmASTM D5185m00MolybdenumppmASTM D5185m00MagnesiumppmASTM D5185m011CalciumppmASTM D5185m727611621PhosphorusppmASTM D5185m900828836ZincppmASTM D5185m150013781852Acid Number (AN)mg KOHgASTM D8451.00.73							
Appearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>212<1BoronppmASTM D5185mSodium00BariumppmASTM D5185m000MolybdenumppmASTM D5185m00MagnesiumppmASTM D5185m01MagnesiumppmASTM D5185m878490PhosphorusppmASTM D5185m7276116211ZincppmASTM D5185m9008288366SulfurppmASTM D5185m1.00.730.73	Sand/Dirt						
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>212<1BoronppmASTM D5185m00BariumppmASTM D5185m00MolybdenumppmASTM D5185m00MagneseppmASTM D5185m0<1MagnesiumppmASTM D5185m01PhosphorusppmASTM D5185m727611621ZincppmASTM D5185m900828836SulfurppmASTM D5185m1.00.730.73			*Visual				
Sodium         ppm         ASTM D5185m         >21         2         <1					NORML		
Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         <1            Magnesium         ppm         ASTM D5185m         0         1            Calcium         ppm         ASTM D5185m         0         1            Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOHg         ASTM D5185m         1.0         0.73         0.73	Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	
Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         <1            Magnesium         ppm         ASTM D5185m         0         1            Calcium         ppm         ASTM D5185m         0         1            Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOHg         ASTM D5185m         1.0         0.73         0.73							
Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         <1            Magnesium         ppm         ASTM D5185m         0         1            Calcium         ppm         ASTM D5185m         87         84         90            Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOHg         ASTM D8045         1.0         0.73         0.73	Sodium	ppm		>21			
Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         <1            Magnesium         ppm         ASTM D5185m         0         1            Calcium         ppm         ASTM D5185m         87         84         90            Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOHg         ASTM D8045         1.0         0.73         0.73	Boron	ppm	ASTM D5185m		0	0	
Manganese         ppm         ASTM D5185m         0         <1		ppm					
Magnesium         ppm         ASTM D5185m         0         1            Calcium         ppm         ASTM D5185m         87         84         90            Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.73         0.73	•	ppm	ASTM D5185m		0	0	
Calcium         ppm         ASTM D5185m         87         84         90            Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.73         0.73	-	ppm					
Phosphorus         ppm         ASTM D5185m         727         611         621            Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.73         0.73	-	ppm					
Zinc         ppm         ASTM D5185m         900         828         836            Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.73         0.73		ppm					
Sulfur         ppm         ASTM D5185m         1500         1378         1852            Acid Number (AN)         mg KOH/g         ASTM D8045         1.0         0.73         0.73		ppm	ASTM D5185m	727			
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.73 0.73							
				1500			
Visc @ 40°C cSt ASTM D445 65 60.6 61.5	( )						
	Visc @ 40°C	cSt	ASTM D445	65	60.6	61.5	



回希望 . : 09 Jan 2024 105 TENNIS CENTER DR. Sample No. : LEC0047313 Recieved Lab Number : 06055327 Diagnosed : 10 Jan 2024 MARIETTA, OH Diagnostician : Wes Davis : 10821276 US 45750-9765 **Unique Number** 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: F: (740)373-5570 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: STORE 9 - MARIETTA - CASEY HICKERSON

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