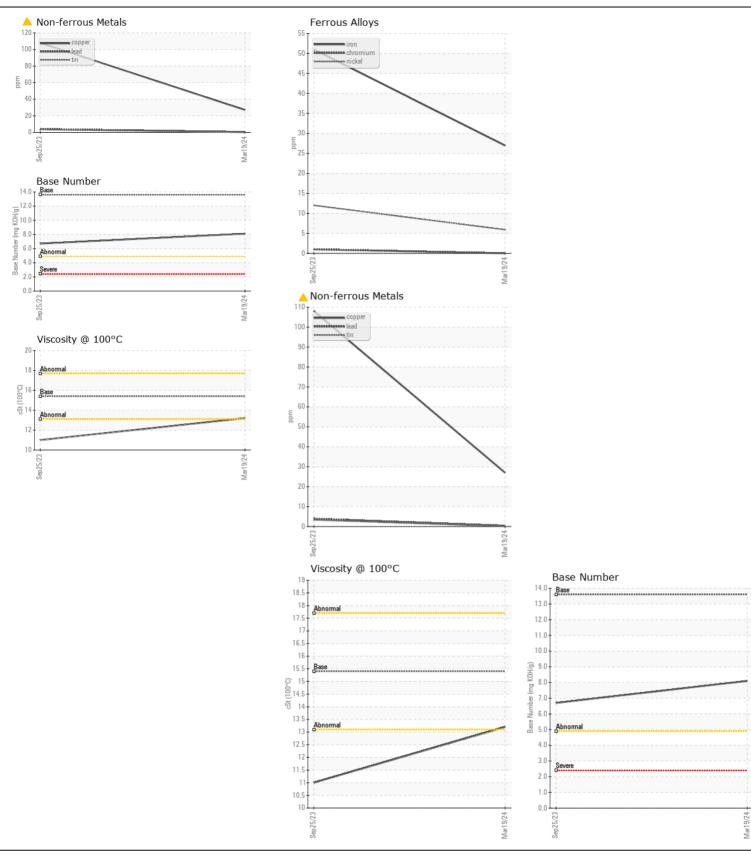
**WEAR** CONTAMINATION **FLUID CONDITION**  **ABNORMAL NORMAL NORMAL** 

## **JOHN DEERE 350P 1FF350PAKNF000420**

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.  Sample Date Client Info 19 Mar 2024 25 25 25 25 25 25 25 25 25 25 25 25 25	History1 F	story1 Histo	History1 L	History1	History1	Current	Limit/Abn	Method	UOM	Test	ECOMMENDATION
Contamination   Contaminatio	JR0182327	,		,	,		LIIIII/AUII		JOIVI		COMMEMBATION
Machine Age   hrs   Client Info   1187   77   77   78   79   78   79   78   79   79											il and filter change at the time of sampling has been noted. No
Oil Age									hre		·
Filter Age	704				1					•	ervice interval to monitor.
Click   Click   Click   Info   Changed   Click   Info   Changed   Click   Info   Changed   Click   Click   Info   Changed   Click   Info   Sample Status   S											
Filter Changed   Sample Status	01				1				1113	•	
Name											
Iron	4 B 1 1 6 B 1 4 4 1	_	_		_	-		Oliciti IIIIO		-	
The copper level has decreased, but is still abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other component wear rates are normal.    Chromium	· · · · · · · · · · · · · · · · · · ·									· · · · · · · · · · · · · · · · · · ·	
Nickel   pm   ASTM D5185m   55   6   of other significant wear metals, suspect opper due to sources other than wear (i.e. cooling core). All other component wear rates are normal.	51	51	51	51	51	27	>51	ASTM D5185m	ppm	Iron	EAR
of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other component wear rates are normal.    Name	1	1	1	1	1	0	>11	ASTM D5185m	ppm	Chromium	
than wear (i.e. cooling core). All other component wear rates are normal.    Silver   ppm   ASTM D5185m   >3   0     Aluminum   ppm   ASTM D5185m   >6   <1     Copper   ppm   ASTM D5185m   >6     Copper   ppm   ASTM D5185m   >6   <1     Copper   ppm   ASTM D5185m   >6     Copper   ASTM D5185m   >6     Copper   Ppm   ASTM D5185m   >6     Copper   ASTM D5185m   >6     Copper	12	12	12	12	12	6	>5	ASTM D5185m	ppm	Nickel	• • • • • • • • • • • • • • • • • • • •
Silver   ppm   ASTM D5185m   33   2	1	1	1	1	1	0		ASTM D5185m	ppm	Titanium	
Aluminum   ppm   ASTM D5185m   >31   2	<1	<1	<1	<1	<1	0	>3	ASTM D5185m	ppm	Silver	
Copper	4	4	4	4	4	2	>31	ASTM D5185m	ppm	Aluminum	
Copper   ppm   ASTM D5185m   >26   A 27   Tin   ppm   ASTM D5185m   >4   0   Vanadium   ppm   ASTM D5185m   >4   0   Vanadium   ppm   ASTM D5185m   0   NONE   NO	4	4	4	4	4	<1	>26	ASTM D5185m	ppm	Lead	
Vanadium   Value   V	<u></u> 108	108	108	<u></u> 108	<b>△</b> 108	<u>^</u> 27	>26	ASTM D5185m	ppm	Copper	
White Metal Yellow Metal   Scalar   *Visual   NONE   NON	3	3	3	3	3	0	>4	ASTM D5185m	ppm	Tin	
Yellow Metal   scalar   *Visual   NONE   NONE	0	0	0	0	0	0		ASTM D5185m	ppm	Vanadium	
Silicon   ppm   ASTM D5185m   >22   7	NONE	NONE	NONE	NONE	NONE	NONE	NONE	*Visual	scalar	White Metal	
Potassium   ppm   ASTM D5185m   >20   1	NONE	NONE	NONE	NONE	NONE	NONE	NONE	*Visual	scalar	Yellow Metal	
Potassium   ppm   ASTM D5185m   >20   1											
There is no indication of any contamination in the oil.    Fuel   WC Method   >0.21   NEG	11										ONTAMINATION
Value	10								ppm		nere is no indication of any contamination in the oil
Glycol	0.4										iore is no indication or any contamination in the oil.
Soot % %   *ASTM D7844   >3   0.3     Nitration   Abs/cm   *ASTM D7624   >20   9.0     Sulfation   Abs/lmm   *ASTM D7624   >20   9.0     Sulfation   Abs/lmm   *ASTM D7415   >30   22.5     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     NORML   NORML   NORML   NORML     NORML   NORML   NORML   NORML     NORML   NORML   NORML   NORML     NORML   NORML   NORML   NORML     NORML   NORML   NORML   NORML   NORML   NORML     NORML   NORML   NORML   NORML   NORML   NORML     NORML   NORML   NORML   NORML   NORML   NORML   NORML   NORML     NORML   N	NEG						>0.21				
Nitration   Abs/cm   *ASTM D7624   >20   9.0	NEG										
Sulfation   Abs/.imm   *ASTM D7415   >30   22.5	0.3										
Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Debris scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML	9.6										
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML NORML NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NO	24.8				1						
Sand/Dirt scalar *Visual NONE NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORM	NONE										
Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML NORML NORML NORML Emulsified Water scalar *Visual NORML NO	NONE										
Odor   scalar *Visual   NORML   NORML	NONE										
FLUID CONDITION The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.  Sodium ppm ASTM D5185m >31 2  Boron ppm ASTM D5185m 0  Barium ppm ASTM D5185m 0  Molybdenum ppm ASTM D5185m 246  Manganese ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 920  Zinc ppm ASTM D5185m 11119  Sulfur ppm ASTM D5185m 3438  Oxidation Abs/.1mm *ASTM D7414 >25 17.7	NORML									• •	
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.  Sodium ppm ASTM D5185m >31 2  Boron ppm ASTM D5185m 0  Barium ppm ASTM D5185m 0  Molybdenum ppm ASTM D5185m 0  Manganese ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 0  Calcium ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 920  Zinc ppm ASTM D5185m 1119  Sulfur ppm ASTM D5185m 1119  Sulfur ppm ASTM D5185m 3438  Oxidation Abs/.1mm *ASTM D7414 >25 17.7	NORML										
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The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.  Boron ppm ASTM D5185m 0  Molybdenum ppm ASTM D5185m 246  Manganese ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 920  Zinc ppm ASTM D5185m 1119  Sulfur ppm ASTM D5185m 3438  Oxidation Abs/.1mm *ASTM D7414 >25 17.7	9	9	9	9	g	9	<b>\31</b>	ΔSTM D5185m	nnm	Sodium	LUD CONDITION
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.  Barium ppm ASTM D5185m 246  Molybdenum ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 0  Magnesium ppm ASTM D5185m 1469  Phosphorus ppm ASTM D5185m 920  Zinc ppm ASTM D5185m 920  Zinc ppm ASTM D5185m 1119  Sulfur ppm ASTM D5185m 3438  Oxidation Abs/.1mm *ASTM D7414 >25 17.7	140						<b>/</b> 01		• •		LOID CONDITION
Molybdenum   ppm   ASTM D5185m   246     Manganese   ppm   ASTM D5185m   0     Magnesium   ppm   ASTM D5185m   845     Calcium   ppm   ASTM D5185m   1469     Phosphorus   ppm   ASTM D5185m   920     Zinc   ppm   ASTM D5185m   1119     Sulfur   ppm   ASTM D5185m   3438     Oxidation   Abs/.1mm *ASTM D7414   >25   17.7	140										ne BN result indicates that there is suitable alkalinity remaining in the
Manganese         ppm         ASTM D5185m         0           Magnesium         ppm         ASTM D5185m         845           Calcium         ppm         ASTM D5185m         1469           Phosphorus         ppm         ASTM D5185m         920           Zinc         ppm         ASTM D5185m         1119           Sulfur         ppm         ASTM D5185m         3438           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7	220										I. The condition of the oil is acceptable for the time in service.
Magnesium         ppm         ASTM D5185m         845           Calcium         ppm         ASTM D5185m         1469           Phosphorus         ppm         ASTM D5185m         920           Zinc         ppm         ASTM D5185m         1119           Sulfur         ppm         ASTM D5185m         3438           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7	2				1					,	
Calcium         ppm         ASTM D5185m         1469           Phosphorus         ppm         ASTM D5185m         920           Zinc         ppm         ASTM D5185m         1119           Sulfur         ppm         ASTM D5185m         3438           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7	776										
Phosphorus         ppm         ASTM D5185m         920           Zinc         ppm         ASTM D5185m         1119           Sulfur         ppm         ASTM D5185m         3438           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7	1579				1					•	
Zinc         ppm         ASTM D5185m         1119           Sulfur         ppm         ASTM D5185m         3438           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7	813										
Sulfur         ppm         ASTM D5185m         3438           Oxidation         Abs/.1mm         *ASTM D7414         >25         17.7					1						
Oxidation Abs/.1mm *ASTM D7414 >25 17.7	1038				_						
	3303				1		- 0E				
Dase Millioer (BN) - MONUMA AS INCLUSION - LS D	22.1										
Visc @ 100°C cSt ASTM D445 15.4 13.2	6.7				_				0 0	( ,	







Laboratory Sample No.

Lab Number : 06123323

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0200972

Received **Tested** Unique Number : 10937474 Diagnosed

: 20 Mar 2024 : 21 Mar 2024 : 22 Mar 2024 - Sean Felton

JRE - NEW BERN 3816 MARTIN LUTHER KING BLVD

NEW BERN, NC US 28562

Test Package : CONST (Additional Tests: TBN) Contact: NEW BERN SHOP To discuss this sample report, contact Customer Service at 1-800-237-1369. nick.etherdridge@jamesriverequipment.com;canastasio@wearcheckusa.com

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:

F: