

Machine Id

JOHN DEERE 350P 1FF350PALRF001466

Left Final Drive

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

Besample at the next service interval to monitor. Sample Date Sample Date Machine Age hrs Client Info MR225583	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 10 23 Jun 282 Machine Age hrs Client Info 10 0 Filter Age hrs Client Info 10 0 OI Age hrs Client Info 10 Not Change OI Change T Client Info 10 Not Change Filter Changed Client Info Not Change Not Change WEAR PO ASTM 05186 NOT 154 Noteel pon ASTM 05186 NOT 154		Sample Number		Client Info				
Oil Age hrs Client Info 0		Sample Date		Client Info		25 Jun 2024		
Filter Age hrs Client into 0 n n n Oil Changed Client into No Chang No Chang n n Bilter Changed Client into No Chang n n n Sample Status Northal n n n n Mice Change ASTM 05185 S154 154 1 n n All component wear rates are normal. PQ ASTM 05185 S10 0 1 Nickel ppm ASTM 05185 S10 0 1 All component wear rates are normal. Nickel ppm ASTM 05185 S10 0 Nickel ppm ASTM 05185 S10 0 Aluminum ppm ASTM 05185 AST 2 Auminum ppm ASTM 05185 S10 0 Coper ppm ASTM 05185 AST 2 Vanadum ppm ASTM 05185 S10 0 Vanadum ppm ASTM 05185 AST 2 <t< th=""><th></th><th>Machine Age</th><th>hrs</th><th>Client Info</th><th></th><th>521</th><th></th><th></th></t<>		Machine Age	hrs	Client Info		521		
Oil Changed Client In/o Not Change Not Change Filter Changed Client In/o No Change No Change Sample Status No RMAL No RMAL All component wear rates are normal. PQ ASTM 0515s -50 199 Nickel ppm ASTM 0515s -0 0 Titation ppm ASTM 0515s Silver ppm ASTM 0515s Auminum ppm ASTM 0515s Qopper pm ASTM 0515s -0 0 Waradum pm ASTM 0515s -50 17		Oil Age	hrs	Client Info		0		
Filter Changed Sample Status Olient Into Not Changed NORMA in		Filter Age	hrs	Client Info		0		
Sample Status NORMAL		Oil Changed		Client Info		Not Changd		
PQ ASTM D818 >1250 154 All component wear rates are normal. Iron ppm ASTM D8185 >750 199 Nickel ppm ASTM D8185 >9 3 Nickel ppm ASTM D8185 >9 3 Nickel ppm ASTM D8185 >9 3 Nickel ppm ASTM D8185 >10 0 Silver ppm ASTM D8185 >40 2 Aluminum ppm ASTM D8185 >40 2 ASTM D8185 >40 2 ASTM D8185 >40 2 ASTM D8185 >10 0 Varadum ppm ASTM D8185 >50 17		Filter Changed		Client Info		Not Changd		
Iron pp ASTM 05185n >750 199 All component wear rates are normal. Chromium ppm ASTM 05185n -9 3 Nickel ppm ASTM 05185n -0 0 Titanium ppm ASTM 05185n -0 0 Silver ppm ASTM 05185n -0 2 Copper ppm ASTM 05185n -40 2 Copper ppm ASTM 05185n -40 2 Vanadium ppm ASTM 05185n -40 2 Vanadium ppm ASTM 05185n -40 0 Vanadium ppm ASTM 05185n -50 1 Vanadium ppm ASTM 05185n -57 1 Vanadium ppm		Sample Status				NORMAL		
Iron pp ASTM 05185n >750 199 All component wear rates are normal. Chromium ppm ASTM 05185n -9 3 Nickel ppm ASTM 05185n -0 0 Titanium ppm ASTM 05185n -0 0 Silver ppm ASTM 05185n -0 2 Copper ppm ASTM 05185n -40 2 Copper ppm ASTM 05185n -40 2 Vanadium ppm ASTM 05185n -40 2 Vanadium ppm ASTM 05185n -40 0 Vanadium ppm ASTM 05185n -50 1 Vanadium ppm ASTM 05185n -57 1 Vanadium ppm	WEAR	PQ		ASTM D8184	>1250	154		
Chromium ppm ASTM DS186n -9 3 Nickel ppm ASTM DS186n -10 0 Nickel ppm ASTM DS186n -10 0 Titanium ppm ASTM DS186n -0 0 Aluminum ppm ASTM DS185n -0 2 Aluminum ppm ASTM DS185n -0 2 Aluminum ppm ASTM DS185n -0 0 Aluminum ppm ASTM DS185n -0 0 Vanadium ppm ASTM DS185n -0 0 Vanadium ppm ASTM DS185n -0 0 Vanadium ppm ASTM DS185n -0 0 CONTAMINATION Salit scalar 'Visual <th></th> <th></th> <th>maa</th> <th></th> <th></th> <th></th> <th></th> <th></th>			maa					
Nickel ppm ASTM D518m >10 0 4 Titanium ppm ASTM D518m - Silver ppm ASTM D518m - Aluminum ppm ASTM D518m - Lead ppm ASTM D518m - 0 Copper ppm ASTM D518m - 0 Visitial NONE NONE 0 White Metal scalar 'Visual NONE NONE Velow Metal scalar 'Visual NONE NONE There is no indication of any contamination in the oil. Silicon ppm ASTM D518m >-0 Silicon scalar 'Visual NONE LLCHT Silicon	All component wear rates are normal.							
TitaniumppmASTM D518m<								
Silver ppm ASTM D518m Aluminum ppm ASTM D518m >-40 2 Lead ppm ASTM D518m >-10 0 Copper ppm ASTM D518m >-0 0 Tin ppm ASTM D518m >-0 0 Vanadium ppm ASTM D518m -0 0 White Metal scalar Visual NONE NONE White Metal scalar Visual NONE NONE There is no indication of any contamination in the oil. Silicon ppm ASTM D518m >20 2 Water WC Method >0.075 NEG Sad/Dirit scalar Visual NORE NORE Debris sca								
Lead pm ASTM D5185n >15 0 Copper pm ASTM D5185n >40 2 Tin pm ASTM D5185n >10 0 Vanadium ppm ASTM D5185n >10 0 White Metal scalar Visual NONE C1 Vanadium ppm ASTM D5185n >0 17 Vanadium ppm ASTM D5185n >20 12 Value ppm ASTM D5185n >20 17 Silicon ppm ASTM D5185n >20 12 Mater Wolethol 0.075 NEG Silicon scalar Visual NONE Incert Sold/D1 scalar Visual NONE		Silver		ASTM D5185m		<1		
Lead pm ASTM D5180m >15 0 Copper pm ASTM D5180m >40 2 Tin pm ASTM D5180m >10 0 Vanadium ppm ASTM D5180m >10 0 Wite Metal scalar Visual NONE Income Yolie Metal scalar Visual NONE NONE Income There is no indication of any contamination in the oil. Silicon pm ASTM D5180m >20 2 Water Wite scalar Visual NONE NONE Income Sand/Dirt scalar Visual NORH NORH Income Moperance scalar Visual NORH NORH Income Opdar acce visual NORH NORH Income		Aluminum	ppm	ASTM D5185m	>40	2		
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VanadiumppmASTM D5185m<		Copper	ppm	ASTM D5185m	>40	2		
White Metal scalar 'Visual NONE Vellow Metal scalar 'Visual NONE NONE CONTAMINATION Silicon pm ASTM D5185m<>75 17 Potassium pm ASTM D5185m<>20 2 Water WC Method >0.075 NEG Silicon scalar 'Visual NONE Water WC Method >0.075 NEG Sand/Dirt scalar 'Visual NONE IGHT Appearance scalar 'Visual NORM NORM FLUID CONDITION Sodium ppm ASTM D5185m >51 0 The condition of the oil is acceptable for the time in service. Sodium ppm ASTM D5185m 50 0 Molybdenum ppm ASTM D5185m AST 0		Tin	ppm	ASTM D5185m	>10	0		
Yellow Metal scalar *Visual NONE NONE CONTAMINATION Silicon ppm ASTM D5185m >75 17 There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 2 Water WC Method >0.075 NEG Debris scalar *Visual NONE IONE Sand/Dirt scalar *Visual NONE IONE Appearance scalar *Visual NORM NORME Odor scalar *Visual NORM NORME FLUID CONDITION Sodium ppm ASTM D5185m >51 O Boron ppm ASTM D5185m >51 O Molybdenum ppm ASTM D5185m >51 O Molybdenum ppm ASTM D5185m >51		Vanadium	ppm	ASTM D5185m		<1		
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Potassium ppm ASTM D51850 >20 2 Water WC Method >0.075 NEG Silt scalar 'Visual NONE NONE Debris scalar 'Visual NONE LIGHT Sand/Dirt scalar 'Visual NONE NONE Appearance scalar 'Visual NOR NORML Odor scalar 'Visual NOR NORML Odor scalar 'Visual NOR NORML Emulsified Water scalar 'Visual NOR Sodium ppm ASTM D5185m >10 Boron ppm ASTM D5185m >10 Molybdenum ppm ASTM D5185m 10 Manganese ppm ASTM D5185m 4		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D51850 >20 2 Water WC Method >0.075 NEG Silt scalar 'Visual NONE NONE Debris scalar 'Visual NONE LIGHT Sand/Dirt scalar 'Visual NONE NONE Appearance scalar 'Visual NOR NORML Odor scalar 'Visual NOR NORML Odor scalar 'Visual NOR NORML Emulsified Water scalar 'Visual NOR Sodium ppm ASTM D5185m >10 Boron ppm ASTM D5185m >10 Molybdenum ppm ASTM D5185m 10 Manganese ppm ASTM D5185m 4	CONTAMINATION	Silicon	nom	ASTM D5185m	>75	17		
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Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NORM NORML Odor scalar *Visual NORM NORML Odor scalar *Visual NORM NORML Emulsified Wate scalar *Visual NORM NORML Sodium ppm ASTM D5185m >0 Boron ppm ASTM D5185m >0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 14 Magnesium ppm ASTM D5185m 14 Magnesium ppm ASTM D5185m 109 Magnesium ppm ASTM D5185m 109								
Appearance Odorscalar*VisualNORMLNORMLIOdorscalar*VisualNORMLNORMLIIIIIEmulsified Watescalar*Visual>0.075NEGII <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>								
Odorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGFLUID CONDITIONSodiumppmASTM D5185m>510BoronppmASTM D5185mS85BariumppmASTM D5185mI0MolybdenumppmASTM D5185mI0ManganeseppmASTM D5185mI4MagnesiumppmASTM D5185mI4CalciumppmASTM D5185mI109I<IPhosphorusppmASTM D5185mIIIIIASTM D5185mIII <t< th=""><th>Appearance</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		Appearance						
FLUID CONDITION Sodium ppm ASTM D5185m >51 0 Boron ppm ASTM D5185m >51 0 Barium ppm ASTM D5185m 85 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 4 Calcium ppm ASTM D5185m 109 Phosphorus ppm ASTM D5185m 109			scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 85 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 4 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 109		Emulsified Water	scalar	*Visual	>0.075	NEG		
Boron ppm ASTM D5185m 85 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 4 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 109		Sodium		ACTM DE105m	. 51	•		
Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 4 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 109					>01			
MolybdenumppmASTM D5185m<	The condition of the oil is acceptable for the time in service.							
Manganese ppm ASTM D5185m 4 Magnesium ppm ASTM D5185m 4 Calcium ppm ASTM D5185m 109 Phosphorus ppm ASTM D5185m 500								
Magnesium ppm ASTM D5185m 4 Calcium ppm ASTM D5185m 109 Phosphorus ppm ASTM D5185m 500								
Calcium ppm ASTM D5185m 109 Phosphorus ppm ASTM D5185m 500		-						
Phosphorus ppm ASTM D5185m 500		-						
		Zinc	ppm	ASTM D5185m		39		

Sulfur

Visc @ 40°C

Contact/Location: DANNY HUFF - BSSWAR

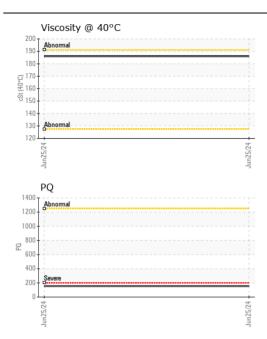
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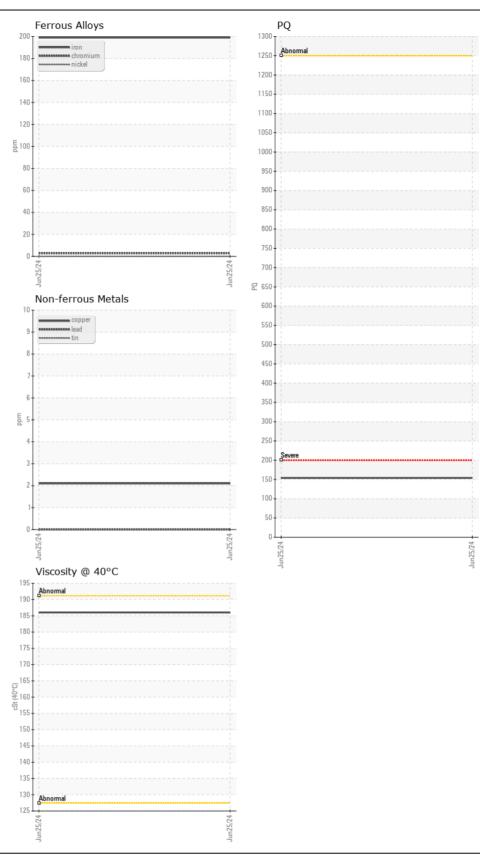
186

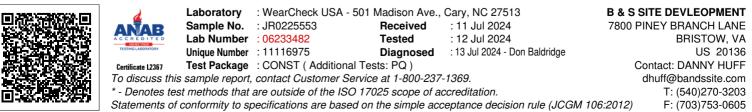
ppm ASTM D5185m

ASTM D445

cSt







Contact/Location: DANNY HUFF - BSSWAR Page 2 of 2