

[MIDWEST MOLE]

JOHN DEERE 350G 1FF350GXAEF810205 Componen

Pump Drive

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (1 QTS)

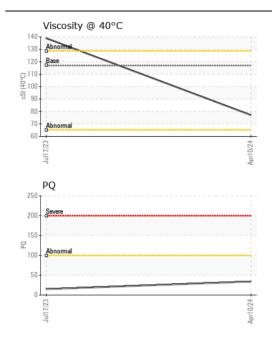
Beaample at the next service interval to monitor. Sample Number Sample Date Client into ID Apr 20 ID Apr 20 <	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 10 Apr 2001 7 Jul 2023 Machine Age Ins Client Info 6425 5522 Filter Age Ins Client Info 0 9 Filter Age Ins Client Info 0 0 OII Changed Client Info 0 0 Nonco Filter Changed Ins Client Info Not Change Nonco Sample Status	Resample at the next service interval to monitor.	Sample Number		Client Info		JR0211110	JR0182026	
Oil Age ns Client Info O 5952 Filter Age No Client Info O O Oil Changed Oilent Info Not Changed Clanged Not Changed None Filter Changed O Client Info Not Changed None Sample Status		Sample Date		Client Info		10 Apr 2024	17 Jul 2023	
Filter Age Ins Client Ind No On No Oil Changed Client Ind No Changed No Changed No		Machine Age	hrs	Client Info		6425	5952	
Oil Changed Client Into Not Change Changed Not Change Not Cha		Oil Age	hrs	Client Info		0	5952	
Filter Changed Clent Info NotChange None Image: Component wear rates are normal. PCAR ASTM D518 SOU SOU<		Filter Age	hrs	Client Info		0	0	
Sample Status NORMAL ATENTION NPEAR PO ASTM 05188 >500 75 85 All component wear rates are normal. Iron pm ASTM 05188 >500 75 85 Normalium ppm ASTM 05188 >10 1 0 Normalium ppm ASTM 05188 >10 1 0 Silver ppm ASTM 05188 -20 5 All component wear rates are normal. Pim ASTM 05188 -20 5		Oil Changed		Client Info		Not Changd	Changed	
PQ ASTM DB18/L B4 15 All component wear rates are normal. Iron pm ASTM DB18/L 550 75 85 Nickel ppm ASTM DB18/L 550 75 85 Nickel ppm ASTM DB18/L 515 2 -1 Nickel ppm ASTM DB18/L 1 0 Nickel ppm ASTM DB18/L 1 0 0 Time ppm ASTM DB18/L 1 0 0 Copper ASTM DB18/L SSIM 0 Tim ppm ASTM DB18/L SSI -1 0 Varadium ppm ASTM DB18/L SSIM -1 0 Varadium ppm ASTM DB18/L SSIM -1 0 Varadium ppm ASTM DB18/L SSIM Visual<		Filter Changed		Client Info		Not Changd	None	
Iron ppm ASTIL 0516m >500 75 85 Chromium ppm ASTIL 0516m >15 2 <1 Nickel ppm ASTIL 0516m >1 1 0 Nickel ppm ASTIL 0516m 1 0 0 Silver ppm ASTIL 0516m 0 0 0 Aluminum ppm ASTIL 0516m 20 5 2 Aluminum ppm ASTIL 0516m >20 5 2 Copper ppm ASTIL 0516m >20 5 2 Copper ppm ASTIL 0516m >20 5 2 1 Vanadum ppm ASTIL 0518m >4 <1 0 Vanadum ppm ASTIL 0518m >4 <1 0 Vanadum ppm ASTIL 0518m >21 10 Vanadum ppm ASTIL 0518m		Sample Status				NORMAL	ATTENTION	
Iron ppm ASTIL 0516m >500 75 85 Chromium ppm ASTIL 0516m >15 2 <1 Nickel ppm ASTIL 0516m >1 1 0 Nickel ppm ASTIL 0516m 1 0 0 Silver ppm ASTIL 0516m 0 0 0 Aluminum ppm ASTIL 0516m 20 5 2 Aluminum ppm ASTIL 0516m >20 5 2 Copper ppm ASTIL 0516m >20 5 2 Copper ppm ASTIL 0516m >20 5 2 1 Vanadum ppm ASTIL 0518m >4 <1 0 Vanadum ppm ASTIL 0518m >4 <1 0 Vanadum ppm ASTIL 0518m >21 10 Vanadum ppm ASTIL 0518m								
Chromium ppm ASTM 0585m >15 2 <1 Nickel ppm ASTM 0585m >10 1 0.0 Titanium ppm ASTM 0585m >10 1 0.0 Silver ppm ASTM 0585m >20 5 2 Aluminum ppm ASTM 0585m >20 5 2 Aluminum ppm ASTM 0585m >20 5 2 Copper ppm ASTM 0585m >3 <1	WEAR							
Nickel ppm ASTM D5165m >10 1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	All component wear rates are normal.							
TitaniumppmASTM D51681<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<								
Silver ppm ASTM D5185m Q 0 0			ppm		>10			
Aluminum ppm ASTM D585m p20 5 2								
Lead ppm ASTM D5185m cm 1 0 Copper ppm ASTM D5185m >-35 <1			ppm					
Copper prm ASTM D518m >35 <1 <1 <1 Tin pm ASTM D518m >4 <1					>20			
Tin pp ASTM D5185m s-4 c-1 0								
VanadiumppASTM D5185m<								
White Metal scalar 'Visual NONE NON					>4			
Yellow Metalscalar'VisualNONENONENONECONTAMINATIONSiliconppmASTM D5186m>752115PotassiumppmASTM D5186m>2021WaterWC Method>0.2NEGNEGSiliconscalar'VisualNONENONENONEOtherscalar'VisualNONENONENONESiliconscalar'VisualNONENONENONEOtherscalar'VisualNONENONENONEAppearancescalar'VisualNORMNORMLNORMLAppearancescalar'VisualNORMNORMLNORMLMoltified Waterscalar'VisualNORMNORMLNORMLThe condition of the oil is acceptable for the time in service.SodiumppmASTM D5185m<								
CONTAMINATION Silicon ppm ASTM D5185m >75 21 15 Potassium ppm ASTM D5185m >20 2 1 Water WC Methol >0.2 NEG NEG Sili scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORM NORML NORML NORML Cdor scalar *Visual NORM NORML NORML The condition of the oil is acceptable for the time in service. Sodium ppm ASTM D5185m 426 688 Boron ppm ASTM D5185m 1 0								
Potassium pp ASTM D518m >20 2 1 Water WC Method >0.2 NEG NEG Silt scalar Visual NONE NONE Debris scalar Visual NONE NONE Sand/Dirt scalar Visual NONE NONE Appearance scalar Visual NORE NORE NORE Odor scalar Visual NORE NORE FLUID CONDITION Sodium pp ASTM D518m Sodium pp ASTM D518m Internet FLUID CONDITION Sodium pp ASTM D518m		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Water WC Method >0.2 NEG NEG Silt scalar "Visual NONE NONE Debris scalar "Visual NONE NONE Sand/Dirt scalar "Visual NONE NONE Appearance scalar "Visual NONE NONE Odor scalar "Visual NORE NOREL Odor scalar "Visual NORE NOREL Emulsified Water scalar "Visual NORE NOREL Sodium ppm ASTM D5185m Boron ppm ASTM D5185m	CONTAMINATION	Silicon	ppm	ASTM D5185m	>75	21	15	
Water WC Method 3-0.2 NEG NEG Silt scalar "Visual NONE NONE NONE Debris scalar "Visual NONE NONE NONE Sand/Dirt scalar "Visual NONE NONE NONE NONE Appearance scalar "Visual NOR NORM NORM NORM Odor scalar "Visual NORM NORM NORM NORM Odor scalar "Visual NORM NORM NORM NORM Emulsified Water scalar "Visual NORM NORM NORM Boron ppm ASTM D5185m	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	2	1	
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMNORMLNORMLNORMLFLUID CONDITIONSodiumppmASTM D5185m<		Water		WC Method	>0.2	NEG	NEG	
Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGFLUID CONDITIONSodiumppmASTM D5185mBoronppmASTM D5185m10<		Silt	scalar	*Visual	NONE	NONE	NONE	
Appearance Odorscalar*VisualNORMLNORMLNORMLNORMLIOdorscalar*VisualNORMNORMLNORMLNORMLIIEmulsified Waterscalar*Visual*VisualSONEGNEGIIFLUID CONDITIONSodiumppmASTM D5185mII0II		Debris	scalar	*Visual	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEGSodiumppmASTM D5185mBoronppmASTM D5185mI0688BariumppmASTM D5185mI00MolybdenumppmASTM D5185mI0ManganeseppmASTM D5185mI0CalciumppmASTM D5185mI1181PhosphorusppmASTM D5185mII181I181ZincppmASTM D5185mII191666		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Waterscalar*Visual>0.2NEGNEGFLUID CONDITIONSodiumppmASTM D5185m0BoronppmASTM D5185mI668BariumppmASTM D5185mI0MolybdenumppmASTM D5185mI0ManganeseppmASTM D5185mI110CalciumppmASTM D5185mI37IPhosphorusppmASTM D5185mI1181ZincppmASTM D5185mI1191666		Appearance	scalar	*Visual	NORML	NORML	NORML	
FLUID CONDITIONSodiumppmASTM D5185m<10BoronppmASTM D5185m426683BariumppmASTM D5185m10MolybdenumppmASTM D5185m295163ManganeseppmASTM D5185m21MagnesiumppmASTM D5185m932377CalciumppmASTM D5185m1614118PhosphorusppmASTM D5185m12525033ZincppmASTM D5185m1191666		Odor	scalar	*Visual	NORML	NORML	NORML	
BoronppmASTM D5185m42668<		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
BoronppmASTM D5185m42668<BariumppmASTM D5185m10MolybdenumppmASTM D5185m295160ManganeseppmASTM D5185m21MagnesiumppmASTM D5185m932377CalciumppmASTM D5185m1614118PhosphorusppmASTM D5185m12525033ZincppmASTM D5185m1191666	FLUID CONDITION	Sodium	ppm	ASTM D5185m		<1	0	
BariumppmASTM D5185m10MolybdenumppmASTM D5185m216ManganeseppmASTM D5185m21MagnesiumppmASTM D5185m932377CalciumppmASTM D5185m1614118PhosphorusppmASTM D5185m12525033ZincppmASTM D5185m1191666	The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m		426	68	
Manganese ppm ASTM D5185m 2 1 Magnesium ppm ASTM D5185m 932 37 Calcium ppm ASTM D5185m 1614 118 Phosphorus ppm ASTM D5185m 1252 503 Zinc ppm ASTM D5185m 1191 666		Barium		ASTM D5185m		1	0	
Manganese ppm ASTM D5185m 2 1 Magnesium ppm ASTM D5185m 932 37 Calcium ppm ASTM D5185m 1614 118 Phosphorus ppm ASTM D5185m 1252 503 Zinc ppm ASTM D5185m 1191 666		Molybdenum	ppm	ASTM D5185m		295	1 6	
Magnesium ppm ASTM D5185m 932 37 Calcium ppm ASTM D5185m 1614 118 Phosphorus ppm ASTM D5185m 1252 503 Zinc ppm ASTM D5185m 1191 -66								
Calcium ppm ASTM D5185m 1614 118 Phosphorus ppm ASTM D5185m 1252 503 Zinc ppm ASTM D5185m 1191 666		-		ASTM D5185m			37	
Phosphorus ppm ASTM D5185m 1252 503 Zinc ppm ASTM D5185m 1191 66		-						
Zinc ppm ASTM D5185m 1191							-	
							-	
		Sulfur	ppm	ASTM D5185m		6213	9 19141	

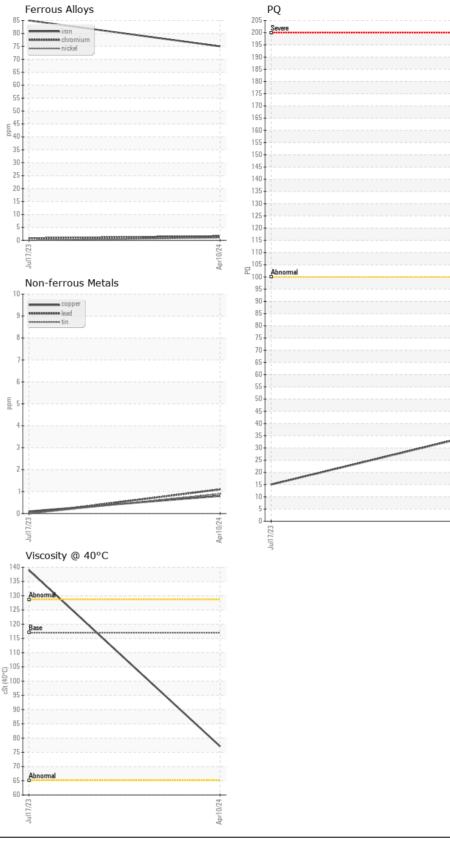
Visc @ 40°C

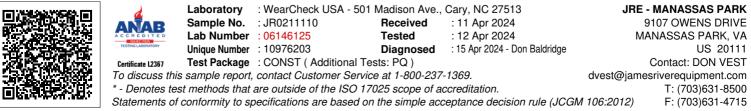
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ASTM D445 117 139 Submitted By: TECHNICIAN ACCOUNT

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Apr10/24