

Machine Id JOHN DEERE 35G 1FF035GXCKK288821 Component Diesel Engine Fluid JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

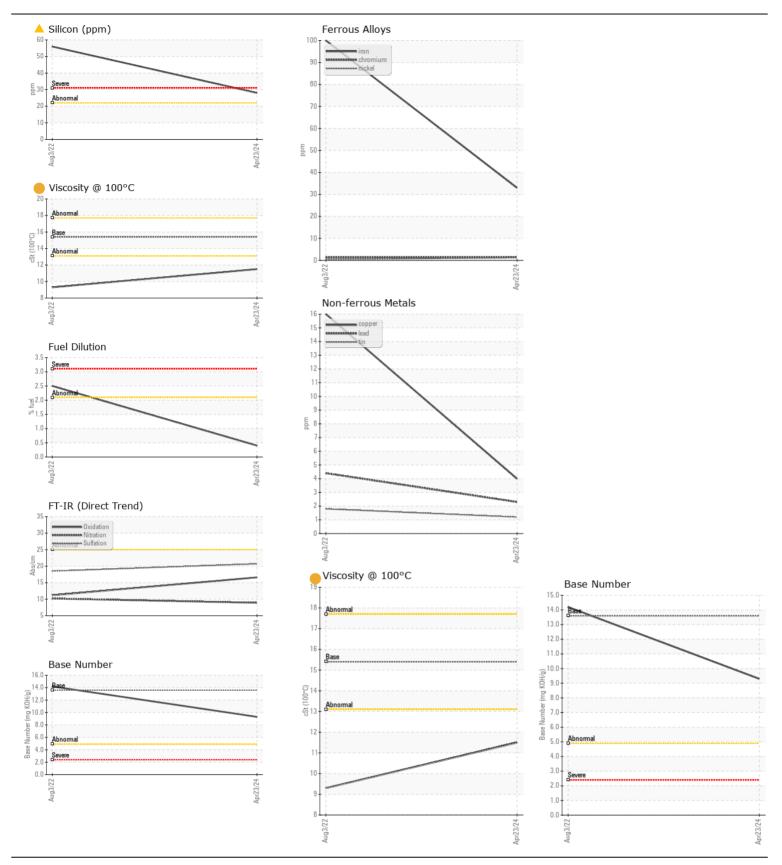
Sample date Sample at the next envice interval to monitor. Sample date	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2	
array bar action is recommended at this time. Resample at the next ervice interval to monitor. 0 and 2.22	Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.	Sample Number		Client Info		JR0214617	JR0139671		
Matchine Age Tis Client Info 1064 683		Sample Date		Client Info		23 Apr 2024	03 Aug 2022		
Oil Age hrs Client Info O 0		Machine Age	hrs	Client Info		1064	683		
Oil Changed Filter Changed Sample Statut Client Info Changed Changed ABNORMA Changed Changed Changed ABNORMA Changed Changed Changed ABNORMA Changed Changed Changed ABNORMA Changed Changed Changed ABNORMA Changed Changed Changed ABNORMA Changed C		Oil Age	hrs	Client Info		0	0		
Filter Changed Sample Status Client Info Changed ABNORMAL		Filter Age	hrs	Client Info		0	0		
Sample Status ABNORMAL ABNORMAL		Oil Changed		Client Info		Changed	Changed		
Iron ppm ASTM D5185n >51 33 100		Filter Changed		Client Info		Changed	Changed		
Id component wear rates are normal. Chromium ppm ASTM DB18m >11 1 Nickel ppm ASTM DB18m >1 Titanium ppm ASTM DB18m >3 1 0 Silver ppm ASTM DB18m >3 4 0 Silver ppm ASTM DB18m >3 4 1 2 Copper ppm ASTM DB18m >26 2 4 Vanadium ppm ASTM DB18m >26 4 16 2 Vanadium ppm ASTM DB18m >26 4 16 2 Vanadium ppm ASTM DB18m >20 4 1 2 Vanadium ppm ASTM DB18m >20 4 -1 2 Vanadium ppm ASTM DB18m >20 4 -1 -1 -1 velocontent negligible. Elemental level of silicon (Si) above normal. Silicon ASTM DB18		Sample Status				ABNORMAL	ABNORMAL		
Id component wear rates are normal. Chromium ppm ASTM DB18m >11 1 Nickel ppm ASTM DB18m >1 Titanium ppm ASTM DB18m >3 1 0 Silver ppm ASTM DB18m >3 4 0 Silver ppm ASTM DB18m >3 4 1 2 Copper ppm ASTM DB18m >26 2 4 Vanadium ppm ASTM DB18m >26 4 16 2 Vanadium ppm ASTM DB18m >26 4 16 2 Vanadium ppm ASTM DB18m >20 4 1 2 Vanadium ppm ASTM DB18m >20 4 -1 2 Vanadium ppm ASTM DB18m >20 4 -1 -1 -1 velocontent negligible. Elemental level of silicon (Si) above normal. Silicon ASTM DB18	VEAR	Iron	ppm	ASTM D5185m	>51	33	100		
III component wear rates are normal. Nickel ppm ASTM D518m >5 1 <1		Chromium	ppm	ASTM D5185m	>11		1		
Titanium ppm ASTM DB18sn 1 1 1 Silver ppm ASTM DB18sn 3 0 Silver ppm ASTM DB18sn >26 2 4 Copper ppm ASTM DB18sn >26 4 16 Tin ppm ASTM DB18sn >26 4 16 Vanadium ppm ASTM DB18sn >26 4 16 Vanadium ppm ASTM DB18sn >20 4 VelueMetal scalar "Visual NONE NONE NONE Solt Scalar "Visual NONE NONE NONE Valeo pm ASTM DB18sn >20 4 1 Valeo pm ASTM DB18sn >20 4 -1 Solton pm ASTM DB18sn <td rowspan="10">All component wear rates are normal.</td> <td>Nickel</td> <td></td> <td></td> <td></td> <th>1</th> <td><1</td> <td></td>	All component wear rates are normal.	Nickel				1	<1		
Silver ppm ASTM 05165n >-30 <10 0									
Aluminum ppm ASTM D5155m >26 2 4 Lead ppm ASTM D515m >26 2 4 Coopper ppm ASTM D515m >26 2 4 Vanadium ppm ASTM D515m >26 1 22 Vanadium ppm ASTM D515m >26 1 0 Vanadium ppm ASTM D515m >26 1 0 Visual NONE NONE NONE NONE NONE CONTAMINATION Scalar Visual NONE NONE NONE Voltation % ASTM D515m >20 4 -1 Voltation % ASTM D515m >20 4 -1 Visual NONE NONE NONE NONE NONE Solit % % % %					>3		0		
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Tin ppm ASTM D518:m -4 1 2 Vanadium pp ASTM D518:m - - - 0 - White Mall scalar Visual NONE NONE NONE NONE - CONTAMINATION Potassium ppm ASTM D518:m -22 4 - -									
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Water WC Method >0.21 NEG NEG Glycol WC Method NEG NEG Soto % % *ASTM D784 >3 0.4 0.4 Nitration Abs/m *ASTM D764 >30 20.7 18.5 Sulfation Abs/m *Nisual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE Silt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORM NORML Odor scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML <tr< td=""><td rowspan="12">Fuel content negligible. Elemental level of silicon (Si) above normal.</td><td></td><td></td><td></td><td></td><th></th><td></td><td></td></tr<>	Fuel content negligible. Elemental level of silicon (Si) above normal.								
Glycol WC Method NEG NEG Soot % % *ASTM D7844 >3 0.4 0.4 Nitration Abs/cm *ASTM D7844 >3 0.4 0.4 Suifation Abs/cm *ASTM D7844 >3 0.4 0.4 Suifation Abs/cm *ASTM D7844 >3 0.0 8.9 10.2 Suifation Abs/cm *ASTM D715 >30 20.7 18.5 Silt scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NOR NORM NORML Appearance scalar *Visual NORM NORML NORML LUD CONDITION Normannel The BN result indicates that Boron ppm ASTM D5185m 3 4 Molybdenum ppm ASTM D5185m 3 4			70						
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Sulfur ppm ASTM D5185m 5332 6434 Oxidation Abs/.1mm *ASTM D7414 >25 16.6 11.2									
Oxidation Abs/.1mm *ASTM D7414 >25 16.6 11.2			ppm						
			ppm						
Base Number (BN) mg KOH/g ASTM D2896 13.6 9.3 14.2									
		Base Number (BN)	mg KOH/g	ASTM D2896	13.6	9.3	14.2		

Visc @ 100°C cSt

ASTM D445 15.4

9.3

11.5



JRE - MANASSAS PARK Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : JR0214617 Received 9107 OWENS DRIVE : 25 Apr 2024 MANASSAS PARK, VA Lab Number : 06160199 Tested : 29 Apr 2024 Unique Number : 10995622 Diagnosed : 02 May 2024 - Don Baldridge US 20111 Test Package : CONST (Additional Tests: PercentFuel, TBN) Contact: DON VEST Certificate L2367 dvest@jamesriverequipment.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: (703)631-8500 F: (703)631-4715 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: DON VEST - JAMMAN Page 2 of 2