

## JOHN DEERE 135G 1FF135GXJKF501819

## **Right Final Drive**

## JOHN DEERE GL-5 80W90 (--- GAL)

Peter OWMENDATION         Test         UOM         Method         LinkWr         Current         History1         History2           Resample at the next service interval to monitor.         Sample bale         Cilent Info         U         19802572             Machine Age         Inix         Cilent Info         U         1975             Oil Age         Inix         Cilent Info         U         1975             Oil Changed         Cilent Info         U         1975              Oil Changed         Cilent Info         Not Markin         Not Markin             Sample Status         NORMAL               All component wear rates are normal.         PQ         ASTM08184         >120             Nickel         ppm         ASTM08185        0              Auminum         pm         ASTM08185         >40         <11             Silve         ppm         ASTM08185         >40         <1								
Sample bat is leaved bit with bit with the leaved bit is a client line         18 Jun 2024              Machine Age         hrs         Client line         1675             Oil Age         hrs         Client line         1675             Filter Age         hrs         Client line         1675             Oil Changed         Client line         1675              Filter Age         hrs         Client line         1675             Sample Status          Client line         NORMA             WEAR         Norman         PM         St10586         -90         00             All component wear rates are normal.         PQ          St10586              Mickel         pm         St10586               All component wear rates are normal.         Titarium         pm         St10586              All component wear rates are normal.         Titarium         p	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date         Client Info         Is Jun 2029         in	Resample at the next service interval to monitor.	Sample Number		Client Info		JR0225727		
Oil AgehrsClient Info1875Filter AgehrsClient Info1875OIC AgeClient InfoNANAFilter ChangeIClient InfoNA </th <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>18 Jun 2024</th> <th></th> <th></th>		Sample Date		Client Info		18 Jun 2024		
Filter Age         hrs         Client Info         NA         Info         Info         NA         Info         NA         Info         Info         NA         Info         Info         NA         NA         Info         Info         NA         Info         Info         NA         NA         Info         Info         NA         NA         Info         Info         NA         Info		Machine Age	hrs	Client Info		1675		
Oil Changed         Client Info         No Changed         No Ch		Oil Age	hrs	Client Info		1675		
Filter Changed         Client Into         NA		Filter Age	hrs	Client Info		1675		
Sample Status         NORMA		Oil Changed		Client Info		Not Changd		
WEAR         PQ         ASTM D8164         >1250         55             All component wear rates are normal.         Iron         ppm         ASTM D8165         >750         100             Nickel         ppm         ASTM D8165         >70         0             Nickel         ppm         ASTM D8165         >10         0             Titanium         ppm         ASTM D8165         >10         0             Silver         ppm         ASTM D8165         >10         0             Aluminum         ppm         ASTM D8165         >10         0             Aluminum         ppm         ASTM D8165         >10         0             Aluminum         ppm         ASTM D8165         >10         0             Vandidum         ppm         ASTM D8165         >10         0             Vandum         ppm         ASTM D8165         >10         0             Vallow Metal </td <td></td> <th>Filter Changed</th> <td></td> <td>Client Info</td> <td></td> <th>N/A</th> <td></td> <td></td>		Filter Changed		Client Info		N/A		
Iron         ppm         ASTL 6518m         >750         100            All component wear rates are normal.         pm         ASTL 6518m         >9         2             Nickel         ppm         ASTL 6518m         >9         2             Nickel         ppm         ASTL 0518m         >10         0             Silver         ppm         ASTL 0518m          0             Silver         ppm         ASTL 0518m          0             Aluminum         ppm         ASTL 0518m         >40             Lead         ppm         ASTL 0518m         >40             Tin         ppm         ASTL 0518m         >10         0             Yellow Metal         scalar         Yisual         NONE         NONE         NONE         NONE         NONE            There is no indication of any contamination in the oil.         Silicon         ppm         ASTL 0518m         >20         8		Sample Status				NORMAL		
Iron         ppm         ASTL 6518m         >750         100            All component wear rates are normal.         pm         ASTL 6518m         >9         2             Nickel         ppm         ASTL 6518m         >9         2             Nickel         ppm         ASTL 0518m         >10         0             Silver         ppm         ASTL 0518m          0             Silver         ppm         ASTL 0518m          0             Aluminum         ppm         ASTL 0518m         >40             Lead         ppm         ASTL 0518m         >40             Tin         ppm         ASTL 0518m         >10         0             Yellow Metal         scalar         Yisual         NONE         NONE         NONE         NONE         NONE            There is no indication of any contamination in the oil.         Silicon         ppm         ASTL 0518m         >20         8	WEAR	PQ		ASTM D8184	>1250	55		
Nu component weat rates are notitial.         Chromium         ppm         ASTM D518m         >9         2            Nickel         ppm         ASTM D518m         >10         0             Titanium         ppm         ASTM D518m         >10         0             Silver         ppm         ASTM D518m         >40         0             Aluminum         ppm         ASTM D518m         >40         0             Aluminum         ppm         ASTM D518m         >40         0             Aluminum         ppm         ASTM D518m         >40         <1             Copper         ppm         ASTM D518m         >40         <1             Vanadium         ppm         ASTM D518m         >40         <             Vanadum         ppm         ASTM D518m         >40         <             Vanadum         ppm         ASTM D518m         >40         <             Value         scalar         Vis			ppm	ASTM D5185m	>750			
Nickel     pp     ASTM D318s     >10     0        Titanium     pp     ASTM D318s     >10     0         Silver     pm     ASTM D318s     -0     0         Silver     pm     ASTM D518s     -0     0         Aluminum     pp     ASTM D518s     -0     0         Copper     pm     ASTM D518s     -0     0         Copper     pm     ASTM D518s     -0     0         Vanadium     pm     ASTM D518s     -0     0         Value     value     value     value     value         Value     pm     ASTM D518s     -S </td <th></th> <td></td> <td></td> <td></td> <th></th> <td></td> <td></td>								
Titanium     pm     ASTM 05185          Silver     pm     ASTM 05185      0         Alurninum     pm     ASTM 05185     >-0          Alurninum     pm     ASTM 05185     >-0          Copper     pm     ASTM 05185     >10     0         Copmer     pm     ASTM 05185     >10     0         Copmer     pm     ASTM 05185     >10     0         Vanadium     pm     ASTM 05185     >0     0         Vanadium     pm     ASTM 05185     >0     0         Vanadium     pm     ASTM 05185     >75     AST         Vanadium     pm     ASTM 05185     >75     AST         VelowMeta     scalar     Visual     NONE     NONE         There is no indication of any contamination in the oil.     Polassium     NORE     NORE     NORE        Sard/Dirt     scalar     Visual     NORE     NORE        Appearance								
Silver         ppm         ASTM D5185m         v         0            Aluminum         ppm         ASTM D5185m         >-40         <1             Lead         ppm         ASTM D5185m         >-10              Copper         ppm         ASTM D5185m         >-10         0             Copper         ppm         ASTM D5185m         >-00              Vanadium         ppm         ASTM D5185m         >-75         38             There is no indication of any contamination in the oil.         Silicon         ppm         ASTM D5185m         >50         88            Sadd Dirt         scalar         Visual         NONE         NONE             Sad		Titanium				<1		
AluminumpmASTM D5180-40-1LeadpmASTM D5180>150CopperpmASTM D5180>40-1TinpmASTM D5180>4000VanadiumpmASTM D5180>400VanadiumpmASTM D5180>100VanadiumpmASTM D5180NONENONEVanadiumpmASTM D5180>7538Valow Metalscalar'VisualNONENONENorePotassiumpmASTM D5180>7538MaterVisualNONESliconPotaASTM D5180>208SiltScalar'VisualNONENONEIIIIIDebrisscalar'VisualNORENOREIIIIIIAgndrDitScalar'VisualNORENOREIIIIIIIIIIIIIIIIIIIIIIIIIIII		Silver		ASTM D5185m		0		
Copper TinppmASTM D518in ASTM D518in <t< th=""><th>Aluminum</th><th>ppm</th><th>ASTM D5185m</th><th>&gt;40</th><th>&lt;1</th><th></th><th></th></t<>		Aluminum	ppm	ASTM D5185m	>40	<1		
TinppASTM D5185m>100VanadiumppASTM D5185m<		Lead	ppm	ASTM D5185m	>15	0		
Vanadium       pp       ASTM D5185n		Copper	ppm	ASTM D5185m	>40	<1		
White Metal Yellow Metalscalar*VisualNONENONEImage: scalarNONENONEImage: scalarNONEImage: scalarNoNE		Tin	ppm	ASTM D5185m	>10	0		
Yellow Metal       scalar       'Visual       NONE       NONE           CONTAMINATION       Silicon       pm       ASTM DS18m       >75       38           There is no indication of any contamination in the oil.       Potassium       ppm       ASTM DS18m       >20       88           Vater       VC       Wethod       >0.075       NEG           Silt       scalar       'Visual       NONE       NONE           Debris       scalar       'Visual       NONE       NONE           Sadd/Dirt       scalar       'Visual       NONE       NONE           Appearance       scalar       'Visual       NOR       NORME           Odor       scalar       'Visual       NOR       NORME           FLUID CONDITION       Sodium       ppm       ASTM D518m       -51       3           Mondybdenum       ppm       ASTM D518m       -51       3           Molybdenum       ppm       ASTM D518m </th <th>Vanadium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>&lt;1</th> <th></th> <th></th>		Vanadium	ppm	ASTM D5185m		<1		
CONTAMINATION       Silicon       pp       ASTM D5185m       >75       38           Potassium       pp       ASTM D5185m       >20       8           Water       WC Method       >0.075       NREG           Silt       scalar       "Visual       NONE       NONE           Debris       scalar       "Visual       NONE       NONE           Appearance       scalar       "Visual       NORE       NORE           Odor       scalar       "Visual       NORE       NORE           Emulsified Water       scalar       "Visual       NORE       NORE           FLUID CONDITION       Sodium       pp       ASTM D5185m       >-51       33           Boron       pp       ASTM D5185m       S       33           Molybdenum       pp       ASTM D5185m       S       33           Maganese       pp       ASTM D5185m       S       33 <th>White Metal</th> <th>scalar</th> <th>*Visual</th> <th>NONE</th> <th>NONE</th> <th></th> <th></th>		White Metal	scalar	*Visual	NONE	NONE		
Potassium       ppm       ASTM D5185m       >20       8           Water       WC Method       5.0.075       NEG           Silt       scalar       'Visual       NONE           Debris       scalar       'Visual       NONE           Sand/Dirt       scalar       'Visual       NONE           Appearance       scalar       'Visual       NORM           Odor       scalar       'Visual       NORM           Codor       scalar       'Visual       NORM           Emulsified Water       scalar       'Visual       NORM           Sodium       ppm       ASTM D5185m       >51       33           Boron       ppm       ASTM D5185m       -51       33           Molybdenum       ppm       ASTM D5185m       -51       33           Magnesium       ppm       ASTM D5185m       -51       33		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium       ppm       ASTM D5185m       >20       8           Water       WC Method       5.0.07       NNEG           Silt       scalar       'Visual       NONE           Debris       scalar       'Visual       NONE           Sand/Dirt       scalar       'Visual       NONE           Appearance       scalar       'Visual       NORE           Odor       scalar       'Visual       NORE           Odor       scalar       'Visual       NORE           Emulsified Water       scalar       'Visual       NORE           Sodium       ppm       ASTM D5185m       >-51       Stalar          Boron       ppm       ASTM D5185m       -51       Stalar          Barium       ppm       ASTM D5185m       -51       Stalar          Molybdenum       ppm       ASTM D5185m       -51       Stalar          Magnesium       ppm       ASTM D5185m	CONTAMINATION	Silicon	maa	ASTM D5185m	>75	38		
Water       WC Method       >0.075       NEG          Silt       scalar       *Visual       NONE       MONE          Debris       scalar       *Visual       NONE       MONE          Sand/Dirt       scalar       *Visual       NONE       MONE          Appearance       scalar       *Visual       NONE       MONE          Odor       scalar       *Visual       NORM       MORML          Odor       scalar       *Visual       NORM       MORML          Bruisfied Water       scalar       *Visual       NORM       MORML								
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMNORMLOdorscalar*VisualNORMNORMLOdorscalar*VisualNORMNORMLDebrisscalar*VisualNORMNORMLOdorscalar*VisualNORMOdorscalar*VisualNORMSodiumscalar*Visual>513BoronppmASTM D5185m>5153BariumppmASTM D5185mImage SimeImage Sime	There is no indication of any contamination in the oil.		pp					
Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLFLUID CONDITIONSodiumppmASTM D5185m>5.13BoronppmASTM D5185m5.15.3BariumppmASTM D5185m5.15.3MalganeseppmASTM D5185m1.00.0ManganeseppmASTM D5185m1.3ManganeseppmASTM D5185m			scalar					
Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMNORMLNORMLOdorscalar*VisualNORMNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGFLUID CONDITIONSodiumppmASTM D5185n513BoronppmASTM D5185n515351BariumppmASTM D5185n555555MalgaensemppmASTM D5185n555555ManganeseppmASTM D5185n515355MangensiumppmASTM D5185nI3MangensiumppmASTM D5185nI3ICalciumppmASTM D5185nI3IIASTM D5185nIIIIIIIIASTM D5185nIIIIIIIIIASTM D5185nII <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
Appearance       scalar       *Visual       NORML       NORML       Incomposition         Odor       scalar       *Visual       NORML       NORML       Incomposition       Incomposition         Emulsified Water       scalar       *Visual       >0.075       NEG       Incomposition         FLUID CONDITION       Sodium       ppm       ASTM D5185m       >51       3       Incomposition         The condition of the oil is acceptable for the time in service.       Sodium       ppm       ASTM D5185m       >51       3       Incomposition         Molybdenum       ppm       ASTM D5185m       Incomposition       Inc		Sand/Dirt						
Emulsified Wate       scalar       *Visual       >0.075       NEG          FLUID CONDITION       Sodium       ppm       ASTM D5185m       >51       3          Boron       ppm       ASTM D5185m       51       3           Barium       ppm       ASTM D5185m       Image State       Im								
Emulsified Wate       scalar       *Visual       >0.075       NEG          FLUID CONDITION       Sodium       ppm       ASTM D5185m       >51       3           Boron       ppm       ASTM D5185m       >51       53           Barium       ppm       ASTM D5185m       Image: Sodium       pm       ASTM D5185m       Image: Sodium       Im		Odor	scalar	*Visual				
Boron       ppm       ASTM D5185m       53          Barium       ppm       ASTM D5185m       5          Barium       ppm       ASTM D5185m       5          Molybdenum       ppm       ASTM D5185m       0          Manganese       ppm       ASTM D5185m       3          Magnesium       ppm       ASTM D5185m       3          Calcium       ppm       ASTM D5185m       13		Emulsified Water	scalar	*Visual	>0.075			
Boron         ppm         ASTM D5185m         53            Barium         ppm         ASTM D5185m         5            Molybdenum         ppm         ASTM D5185m         0            Manganese         ppm         ASTM D5185m         3            Magnesium         ppm         ASTM D5185m         3            Calcium         ppm         ASTM D5185m         3	FLUID CONDITION	Sodium	maa	ASTM D5185m	>51	3		
Barium       ppm       ASTM D5185m       5          Molybdenum       ppm       ASTM D5185m       0          Manganese       ppm       ASTM D5185m       3          Magnesium       ppm       ASTM D5185m       3          Calcium       ppm       ASTM D5185m       23								
MolybdenumppmASTM D5185m00ManganeseppmASTM D5185m3MagnesiumppmASTM D5185m<<1CalciumppmASTM D5185m23								
Manganese       ppm       ASTM D5185m       3           Magnesium       ppm       ASTM D5185m        <1								
Magnesium         ppm         ASTM D5185m         <1								
Calcium         ppm         ASTM D5185m         23		-						
		-						

Zinc

Sulfur

Visc @ 40°C

ASTM D5185m

ASTM D5185m

ASTM D445

ppm

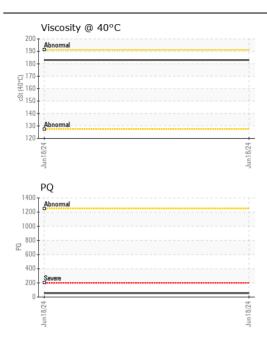
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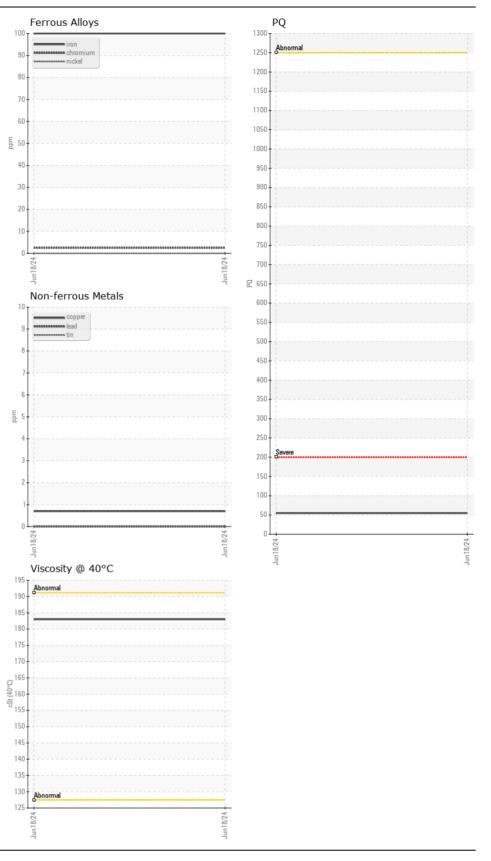
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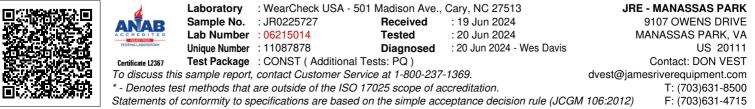
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