

#### Machine Id JOHN DEERE 26G 1FF026GXHMK267148 Component Right Final Drive Fluid NOT GIVEN (--- GAL)

# RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### **WEAR**

All component wear rates are normal.

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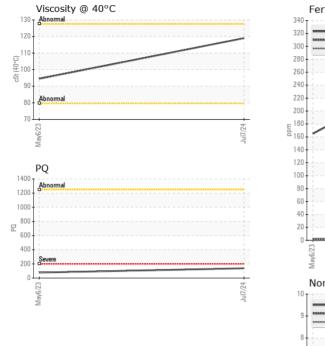
### **CONTAMINATION**

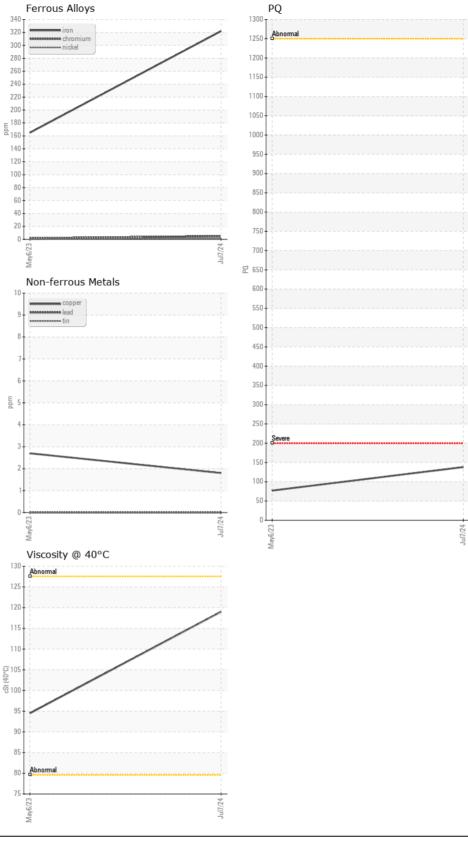
There is no indication of any contamination in the oil.

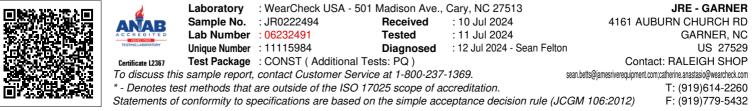
## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

TestUOMMethodLimitAbCurrentHistory1History2Sample NumberClient Info07 Jul 2024Mo167986Sample DateClient Info07 Jul 202406 May 2023Machine AgehrsClient Info965540Oil AgehrsClient Info00Filter AgehrsClient InfoNot ChangedChangedFilter ChangedClient InfoNot ChangedChangedFilter ChangedClient InfoNot ChangedChangedFilter ChangedClient InfoNot ChangedChangedSample StatusVNot ChangedPQASTM D5185>750322165NickelppmASTM D5185>102NickelppmASTM D5185>100SilverppmASTM D5185>100AluminumppmASTM D5185>100AluminumppmASTM D5185>100VanduiumppmASTM D5185>100ValduiumppmASTM D5185>1500ValduiumppmASTM D5185>51500SiliconppmASTM D5185>51500ValduiumppmASTM D5185>516NONESilicon<							
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Machine Age  hrs  Client Info  965  540     Oil Age  hrs  Client Info  425  0     Filter Age  hrs  Client Info  Not Changd  Changed     Oil Changed  Client Info  Not Changd  Changed     Filter Changed  Client Info  Not Changd  Changed     Sample Status  NORMAL  NORMAL      PQ  ASTM D5185m  5750  322  165     Chromium  ppm  ASTM D5185m  >90  5  2     Silver  ppm  ASTM D5185m  >10  2  0     Aurnium  ppm  ASTM D5185m  >40  18  6     Aurnium  ppm  ASTM D5185m  >10  0     Aurnium  ppm  ASTM D5185m  >10  0     Vanadium  ppm  ASTM D5185m  >10	Sample Number		Client Info		JR0222494	JR0167986	
Oil Age Filter Age Filter Age (Lient Info425 (Client Info0Filter Age (Client InfoNot Changd (Client InfoNot Changd (ChangedFilter ChangedClient InfoNot Changd (ChangedFilter ChangedClient InfoNot Changd (ChangedSample StatusNORMALNORMALPQASTM D5185m>750322165IronppmASTM D5185m>952NickelppmASTM D5185m>952NickelppmASTM D5185m>1020AluminumppmASTM D5185m>40186AluminumppmASTM D5185m>1000VanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>75322ValerWC Method>0.075NCRGNONESiliconppmASTM D5185m>7532SiliconppmASTM D5185m>7532SiliconppmASTM D5185m>75NCRGNONESiliconppmASTM D5185m>75S727PotassiumppmASTM D5185m>51 </th <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>07 Jul 2024</th> <th>06 May 2023</th> <th></th>	Sample Date		Client Info		07 Jul 2024	06 May 2023	
Filter Age  hrs  Client Info  0  0     Oil Changed  Client Info  Not Changd  Changed     Filter Changed  Client Info  Not Changd  Changed     Sample Status  NORMAL  NORMAL  NORMAL     PQ  ASTM D5185m  >750  322  1655     Iron  ppm  ASTM D5185m  >9  5  2     Nickel  ppm  ASTM D5185m  >9  5  2     Silver  ppm  ASTM D5185m  >10  2  0     Aluminum  ppm  ASTM D5185m  >40  18  6     Qopper  ppm  ASTM D5185m  >10  0  0     Vanadium  ppm  ASTM D5185m  >40  2  3     Yellow Metal  scalar  'Visual  NONE  NONE  MODE     Yellow Metal <td< th=""><th>Machine Age</th><th>hrs</th><th>Client Info</th><th></th><th>965</th><th>540</th><th></th></td<>	Machine Age	hrs	Client Info		965	540	
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Filter Changed Sample Status  Client Info  Not Changed NORMAL  Changed NORMAL     PQ  ASTM D8184  >1250  138  777     Iron  ppm  ASTM D8184  >1250  322  165     Chromium  ppm  ASTM D5185m  >90  5  2     Nickel  ppm  ASTM D5185m  >90  5  2     Silver  ppm  ASTM D5185m  >10  2  0     Aluminum  ppm  ASTM D5185m  >40  18  6     Aluminum  ppm  ASTM D5185m  >40  2  3     Aluminum  ppm  ASTM D5185m  >40  2  3     Vanadium  ppm  ASTM D5185m  >40  2  3     Vanadium  ppm  ASTM D5185m  >10  0  0     Vanadium  ppm  ASTM D5185m  >75  57 <th>Filter Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th>0</th> <th></th>	Filter Age	hrs	Client Info		0	0	
Sample Status  NORMAL  NORMAL  NORMAL     PQ  ASTM D8184  >1250  138  777     Iron  ppm  ASTM D5185m  >750  322  165     Nickel  ppm  ASTM D5185m  >9  5  2     Nickel  ppm  ASTM D5185m  >9  5  2     Nickel  ppm  ASTM D5185m  >9  5  0  0     Silver  ppm  ASTM D5185m  >40  18  6     Auminum  ppm  ASTM D5185m  >40  18  6     Copper  ppm  ASTM D5185m  >40  18  6     Vanadium  ppm  ASTM D5185m  >40  18  6     Vanadium  ppm  ASTM D5185m  >10  0  0     Vanadium  ppm  ASTM D5185m  >57  57  27	Oil Changed		Client Info		Not Changd	Changed	
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Sodium  ppm  ASTM D5185m  >51  5  3     Boron  ppm  ASTM D5185m  4  16     Barium  ppm  ASTM D5185m  3  10     Molybdenum  ppm  ASTM D5185m  4  16     Molybdenum  ppm  ASTM D5185m  4  16     Manganese  ppm  ASTM D5185m  4  3     Magnesium  ppm  ASTM D5185m  4  3     Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>75 >20 >0.075 NONE NONE NONE	57 3 NEG NONE NONE NONE	27 2 NEG NONE NONE NONE	 
Sodium  ppm  ASTM D5185m  >51  5  3     Boron  ppm  ASTM D5185m  4  16     Barium  ppm  ASTM D5185m  3  10     Molybdenum  ppm  ASTM D5185m  3  10     Molybdenum  ppm  ASTM D5185m  4  16     Manganese  ppm  ASTM D5185m  4  3     Magnesium  ppm  ASTM D5185m  4  3     Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NONE NORML	57 3 NEG NONE NONE NONE NORML	27 2 NEG NONE NONE NONE NORML	  
Boron  ppm  ASTM D5185m  4  16     Barium  ppm  ASTM D5185m  3  10     Molybdenum  ppm  ASTM D5185m  4  16     Molybdenum  ppm  ASTM D5185m  4  16     Maganese  ppm  ASTM D5185m  4  3     Magnesium  ppm  ASTM D5185m  5  22     Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NONE NORML	57 3 NEG NONE NONE NONE NORML NORML	27 2 NEG NONE NONE NONE NORML NORML	  
Barium  ppm  ASTM D5185m  3  10     Molybdenum  ppm  ASTM D5185m  4  16     Manganese  ppm  ASTM D5185m  4  3     Magnesium  ppm  ASTM D5185m  4  3     Calcium  ppm  ASTM D5185m  5  22     Phosphorus  ppm  ASTM D5185m  437  4031     Zinc  ppm  ASTM D5185m  490  640     Sulfur  ppm  ASTM D5185m  140  799	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NONE NORML	57 3 NEG NONE NONE NONE NORML NORML	27 2 NEG NONE NONE NONE NORML NORML	  
Molybdenum  ppm  ASTM D5185m  4  16     Manganese  ppm  ASTM D5185m  4  3     Magnesium  ppm  ASTM D5185m  5  22     Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NONE NORML NORML NEG	27 2 NEG NONE NONE NONE NORML NORML NEG	  
Manganese  ppm  ASTM D5185m  4  3     Magnesium  ppm  ASTM D5185m  5  22     Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5	27 2 NEG NONE NONE NORML NORML NEG 3	  
Magnesium  ppm  ASTM D5185m  5  22     Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4	27 2 NEG NONE NONE NORML NORML NEG 3 16	
Calcium  ppm  ASTM D5185m  437  4031     Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3	27 2 NEG NONE NONE NORML NORML NEG 3 16 10	
Phosphorus  ppm  ASTM D5185m  490  640     Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3 4	27 2 NEG NONE NONE NORML NORML NEG 3 16 10 16	
Zinc  ppm  ASTM D5185m  140  799     Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3 4 3 4	27 2 NEG NONE NONE NORML NORML NEG 3 16 10 16 3	
Sulfur  ppm  ASTM D5185m  16637  2753	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3 4 3 4 4 5	27 2 NEG NONE NONE NORML NORML NEG 3 16 10 16 3 22	
	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3 4 4 4 5 437	27 2 NEG NONE NONE NORML NORML NEG 3 16 10 16 3 22 4031	
Visc @ 40°C cSt ASTM D445 (119) 94.5	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3 4 3 4 4 5 4 3 4 4 3 4 4 90	27 2 NEG NONE NONE NORML NORML NEG 3 16 10 16 3 22 4031 640	
	Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	57 3 NEG NONE NONE NORML NORML NEG 5 4 3 4 3 4 5 4 3 4 4 5 437 490 140	27 2 NEG NONE NONE NORML NORML NEG 3 16 10 16 10 16 3 22 4031 640 799	







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