

## JOHN DEERE 135G 4008 Component Right Final Drive

GEAR OIL SAE 80W90 (--- 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.

## CONTAMINATION

There is no indication of any contamination in the oil.

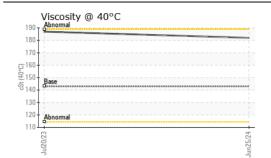
# FLUID CONDITION

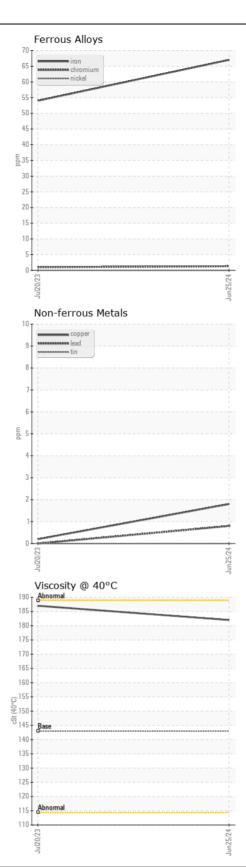
The condition of the oil is acceptable for the time in service.

TestUOMMethodLimit/anCurrentHistory1History2Sample NumberClient InfoCL0005616CL0004502Machine AgehrsClient Info1092525Machine AgehrsClient Info00Filter AgehrsClient Info00Oil AgehrsClient Info00Oil ChangedClient Info00Oil ChangedClient Info0Not ChangedFilter ChangedClient InfoN/ANIACSample StatusNORMALNORMALIronppmASTM D5185m>7506754NickelppmASTM D5185m>1000NickelppmASTM D5185m>1000AluminumppmASTM D5185m>1000AluminumppmASTM D5185m>1000VanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>2062VanadiumppmASTM D5185m>2062VanadiumppmASTM D5185m>2062VanadiumppmASTM D5185m>2062-							
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Oil AgehrsClient InfoOOFilter AgehrsClient InfoChangedNot ChangedOil ChangedClient InfoN/AN/AN/AFilter ChangedQClient InfoN/AN/ASample StatusVNORMALNORMALIronppmASTM D5185m>7506754ChromiumppmASTM D5185m>1000NickelppmASTM D5185m>1000SilverppmASTM D5185m>1000AluminumppmASTM D5185m>1000LeadppmASTM D5185m>1000VanaduiumppmASTM D5185m>1000VanaduiumppmASTM D5185m>1000Valder Metalscalar'VisualNONENONENONESiliconppmASTM D5185m>753025SiliconppmASTM D5185m>2062SiliconppmASTM D5185m>10NONENONESiliconppmASTM D5185m>10NONENONESiliconppmASTM D5185m>10NONENONESiliconppmASTM D5185m>10NORENONESi	Sample Date		Client Info		25 Jun 2024	20 Jul 2023	
Oil AgehrsClient InfoOOFilter AgehrsClient InfoChangedNot ChangedOil ChangedClient InfoN/AN/AN/AFilter ChangedQClient InfoN/AN/ASample StatusVNORMALNORMALIronppmASTM D5185m>7506754ChromiumppmASTM D5185m>1000NickelppmASTM D5185m>1000SilverppmASTM D5185m>1000AluminumppmASTM D5185m>1000LeadppmASTM D5185m>1000VanaduiumppmASTM D5185m>1000VanaduiumppmASTM D5185m>1000Valder Metalscalar'VisualNONENONENONESiliconppmASTM D5185m>753025SiliconppmASTM D5185m>2062SiliconppmASTM D5185m>10NONENONESiliconppmASTM D5185m>10NONENONESiliconppmASTM D5185m>10NONENONESiliconppmASTM D5185m>10NORENONESi	Machine Age	hrs	Client Info		1092	525	
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Filter Changed Sample StatusClient InfoN/AN/AN/ASample StatusNORMALNORMALNORMALIronppmASTM D5185m>7506754ChromiumppmASTM D5185m>911NickelppmASTM D5185m>1000TitaniumppmASTM D5185m>1000SilverppmASTM D5185m>1000AluminumppmASTM D5185m>1000LeadppmASTM D5185m>1000YanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>1000Yellow Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>753025PotassiumppmASTM D5185m>2062Silitscalar*VisualNONENONENONESand/Dirtscalar*VisualNORNORENONEAppearancescalar*VisualNORNORENOREAppearancescalar*VisualNORNORENOREBoronppmASTM D5185m>170	Filter Age	hrs	Client Info		0	0	
Sample StatusNORMALNORMALIronppmASTM D5185m>75067544ChromiumppmASTM D5185m>1000NickelppmASTM D5185m>1000TitaniumppmASTM D5185m>1000SilverppmASTM D5185m>40<1<11AluminumppmASTM D5185m>40<1<1LeadppmASTM D5185m>402<1CopperppmASTM D5185m>1000VanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>1000VanadiumppmASTM D5185m>7530255Yellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>753025SiliconppmASTM D5185m>2062Silitscalar*VisualNONENONENONESilitscalar*VisualNORNONENONESand/Dirtscalar*VisualNORNORENOREAppearancescalar*VisualNORNORENORESodiumppmASTM D5185m>1702<1	Oil Changed		Client Info		Changed	Not Changd	
Iron         ppm         ASTM D5185m         >750         67         54            Chromium         ppm         ASTM D5185m         >9         1         1            Nickel         ppm         ASTM D5185m         >10         0         0            Titanium         ppm         ASTM D5185m         >10         0         0            Aluminum         ppm         ASTM D5185m         >40         <1            Aluminum         ppm         ASTM D5185m         >40         <1         0            Lead         ppm         ASTM D5185m         >10         0         0            Copper         ppm         ASTM D5185m         >10         0         0            Vanadium         ppm         ASTM D5185m         >10         0         0            Vanadium         ppm         ASTM D5185m         >10         0         0            Vanadium         ppm         ASTM D5185m         >75         30         25            Vanadium         ppm         ASTM D5185m         >75         30	Filter Changed		Client Info		N/A	N/A	
Chromium         ppm         ASTM D5185m         >90         1         1            Nickel         ppm         ASTM D5185m         >10         0         0            Titanium         ppm         ASTM D5185m         >10         0         0            Silver         ppm         ASTM D5185m         >40         <1         <1            Aluminum         ppm         ASTM D5185m         >40         <1         <1            Lead         ppm         ASTM D5185m         >40         2         <1            Copper         ppm         ASTM D5185m         >10         0         0            Vanadium         ppm         ASTM D5185m         >75         30         25            Vanadium         ppm         ASTM D5185m<>75         30	Sample Status				NORMAL	NORMAL	
Chromium         ppm         ASTM D5185m         >90         1         1            Nickel         ppm         ASTM D5185m         >10         0         0            Titanium         ppm         ASTM D5185m         >10         0         0            Silver         ppm         ASTM D5185m         >40         <1         <1            Aluminum         ppm         ASTM D5185m         >40         <1         <1            Lead         ppm         ASTM D5185m         >40         2         <1            Copper         ppm         ASTM D5185m         >10         0         0            Vanadium         ppm         ASTM D5185m         >75         30         25            Vanadium         ppm         ASTM D5185m<>75         30							
Nickel         ppm         ASTM D5185m         >10         0         0            Titanium         ppm         ASTM D5185m          1         <1	-				-		
Titanium         ppm         ASTM D5185m         <1					-		
Silver         ppm         ASTM D5185m         >40         <1				>10	-	-	
Aluminum         ppm         ASTM D5185m         >40         <1							
Lead         ppm         ASTM D5185m         >15         <1					-	-	
Copper         ppm         ASTM D5185m         >40         2         <1							
Tin         ppm         ASTM D5185m         >10         0         0		ppm				-	
Vanadium         ppm         ASTM D5185m         O         O         O            White Metal         scalar         *Visual         NONE         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >75         30         255            Potassium         ppm         ASTM D5185m         >20         6         2            Water         WC Method         >0.075         NEG         NEG            Debris         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NOR         NORML         NORML            Appearance         scalar         *Visual         NORML         NORML         NORML            Godor         scalar         *Visual         NORML         NORML         NORML            Boron         ppm         ASTM D5185m         >170         2         <1            Molybdenum         ppm <th></th> <th></th> <th></th> <th></th> <th>_</th> <th></th> <th></th>					_		
White Metal         scalar         *Visual         NONE         NONE         NONE         NONE         NONE            Yellow Metal         scalar         *Visual         NONE         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >75         30         25            Potassium         ppm         ASTM D5185m         >20         6         2            Water         WC Method         >0.075         NEG         NEG         NEG            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORM         NORML         NORML            Odor         scalar         *Visual         NORM         NORML         NORML            Sodium         ppm         ASTM D5185m         >170         2         <1				>10	-		
Yellow Metal         scalar         *Visual         NONE         NONE         NONE            Silicon         ppm         ASTM D5185m         >75         30         25            Potassium         ppm         ASTM D5185m         >20         6         2            Water         WC Method         >0.075         NEG         NEG            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORML         NORML         NORML            Odor         scalar         *Visual         NORML         NORML         NORML            Boron         ppm         ASTM D5185m         >170         2         <1            Barium         ppm         ASTM D5185m         200         3         <1            Molybdenum         ppm         ASTM D5185m						-	
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Potassium         ppm         ASTM D5185m         >20         6         2            Water         WC Method         >0.075         NEG         NEG            Silt         scalar         *Visual         NONE         NONE         NONE            Debris         scalar         *Visual         NONE         NONE         NONE            Sand/Dirt         scalar         *Visual         NONE         NONE         NONE            Appearance         scalar         *Visual         NORML         NORML         NORML         NORML            Odor         scalar         *Visual         NORML         NORML         NORML            Godr         scalar         *Visual         NORML         NORML         NORML            Godr         scalar         *Visual         NORML         NORML         NORML            Boron         ppm         ASTM D5185m         >170         2         <1            Boron         ppm         ASTM D5185m         120         0         0            Molybdenum         ppm <t< th=""><th>Yellow Metal</th><th>scalar</th><th>*Visual</th><th>NONE</th><th>NONE</th><th>NONE</th><th></th></t<>	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
WaterWC Method>0.075NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Watescalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>1702<1BoronppmASTM D5185m2003<1MolybdenumppmASTM D5185m1200MagnesiumppmASTM D5185m1210CalciumppmASTM D5185m1504778PhosphorusppmASTM D5185m1256834ZincppmASTM D5185m1256834SulfurppmASTM D5185m1256834	Silicon	ppm	ASTM D5185m	>75	30	25	
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Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGSodiumppmASTM D5185m>1702<1BoronppmASTM D5185m40054677BariumppmASTM D5185m2003<1MolybdenumppmASTM D5185m1200ManganeseppmASTM D5185m121MagnesiumppmASTM D5185m1210CalciumppmASTM D5185m1504778PhosphorusppmASTM D5185m1256834ZincppmASTM D5185m1256834SulfurppmASTM D5185m225002019218467	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Water         scalar         *Visual         >0.075         NEG         NEG            Sodium         ppm         ASTM D5185m         >170         2         <1            Boron         ppm         ASTM D5185m         400         54         677            Barium         ppm         ASTM D5185m         200         3         <1            Molybdenum         ppm         ASTM D5185m         200         3         <1            Manganese         ppm         ASTM D5185m         12         0         0            Magnesium         ppm         ASTM D5185m         12         1         0            Calcium         ppm         ASTM D5185m         150         477         8            Phosphorus         ppm         ASTM D5185m         150         574         549            Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         125         68         34	Appearance	scalar	*Visual	NORML	NORML	NORML	
Sodium         ppm         ASTM D5185m         >170         2         <1	Odor	scalar	*Visual	NORML	NORML	NORML	
Boron         ppm         ASTM D5185m         400         54         67            Barium         ppm         ASTM D5185m         200         3         <1            Molybdenum         ppm         ASTM D5185m         12         0         0            Manganese         ppm         ASTM D5185m         12         2         1            Magnesium         ppm         ASTM D5185m         12         1         0            Calcium         ppm         ASTM D5185m         12         1         0            Phosphorus         ppm         ASTM D5185m         150         47         8            Zinc         ppm         ASTM D5185m         150         574         549            Sulfur         ppm         ASTM D5185m         125         68         34	Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	
Boron         ppm         ASTM D5185m         400         54         67            Barium         ppm         ASTM D5185m         200         3         <1            Molybdenum         ppm         ASTM D5185m         12         0         0            Manganese         ppm         ASTM D5185m         12         2         1            Magnesium         ppm         ASTM D5185m         12         1         0            Calcium         ppm         ASTM D5185m         12         1         0            Phosphorus         ppm         ASTM D5185m         150         47         8            Zinc         ppm         ASTM D5185m         150         574         549            Sulfur         ppm         ASTM D5185m         125         68         34	Sodium	mqq	ASTM D5185m	>170	2	<1	
Barium         ppm         ASTM D5185m         200         3         <1							
Molybdenum         ppm         ASTM D5185m         12         0         0            Manganese         ppm         ASTM D5185m         12         2         1            Magnesium         ppm         ASTM D5185m         12         1         0            Magnesium         ppm         ASTM D5185m         12         1         0            Calcium         ppm         ASTM D5185m         150         47         8            Phosphorus         ppm         ASTM D5185m         1650         574         5499            Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         22500         20192         18467	Barium		ASTM D5185m	200	3	<1	
Manganese         ppm         ASTM D5185m         2         1            Magnesium         ppm         ASTM D5185m         12         1         0            Calcium         ppm         ASTM D5185m         150         47         8            Phosphorus         ppm         ASTM D5185m         1650         574         549            Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         22500         20192         18467	Molybdenum	ppm	ASTM D5185m	12	0	0	
Magnesium         ppm         ASTM D5185m         12         1         0            Calcium         ppm         ASTM D5185m         150         47         8            Phosphorus         ppm         ASTM D5185m         1650         574         549            Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         22500         20192         18467	-						
Calcium         ppm         ASTM D5185m         150         47         8            Phosphorus         ppm         ASTM D5185m         1650         574         549            Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         22500         20192         18467	Magnesium		ASTM D5185m	12	1	0	
Phosphorus         ppm         ASTM D5185m         1650         574         549            Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         22500         20192         18467	-		ASTM D5185m	150		8	
Zinc         ppm         ASTM D5185m         125         68         34            Sulfur         ppm         ASTM D5185m         22500         20192         18467	Phosphorus		ASTM D5185m	1650	574	549	
Sulfur         ppm         ASTM D5185m         22500         20192         18467			ASTM D5185m		68	34	
	Sulfur		ASTM D5185m		20192	18467	
	Visc @ 40°C		ASTM D445		182	187	

Submitted By: JEFF CHALMERS

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **BAKER AR** Sample No. : CL0005616 Received : 08 Jul 2024 8819 COLUMBUS RD Lab Number : 06230609 Tested DAVIDSON, NC : 10 Jul 2024 Unique Number : 11114102 Diagnosed : 10 Jul 2024 - Wes Davis US 28036 Test Package : CONST Contact: Service Manager Certificate L2367 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: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Report Id: BAKDAVNC [WUSCAR] 06230609 (Generated: 07/10/2024 01:11:42) Rev: 1

Submitted By: JEFF CHALMERS Page 2 of 2