

#### Machine Id JOHN DEERE 325G 1T0325GKCKJ366267 Component Right Final Drive Fluid JOHN DEERE GL-5 80W90 (--- GAL)

## RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

\_\_\_\_\_

### **WEAR**

All component wear rates are normal.

## CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress.

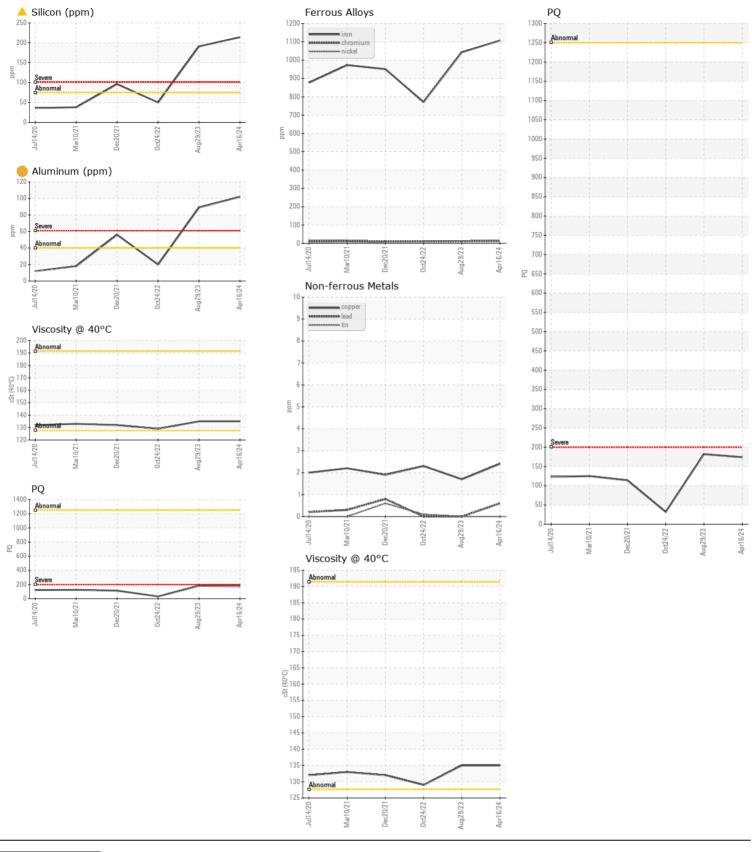
# FLUID CONDITION

-----

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

TestUOMMethodLimit/ADCurrentHistory1History1History1Sample NumberClient InfoIAJR028000JR0185156JR0149412Sample DatClient InfoIAS199269720 401 2022Machine AgehrsClient InfoIT6730Filter AgehrsClient InfoITGardClangedFilter AgehrsClient InfoInfoNANASample StatusClient InfoInfoNANASample StatusClient InfoNAABNORMALABNORMALPQASTM D8184>12501144182232IronppmASTM D5185S110710433711ChromiumppmASTM D5185S10988TitaniumppmASTM D5185S10000AlumiumppmASTM D5185>109922IronppmASTM D5185S10000AlumiumppmASTM D5185>402222TinppmASTM D5185>40222IronppmASTM D5185S10C00-1ValadumppmASTM D5185>1000-1ValadumppmASTM D5185>1000-1ValadumppmASTM D5185S10C1-1Valadumppm <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
Sample DateClient InfoI6 Apr 20229 Aug 202324 Oct 2024Machine AgehrsClient Info319926972024Oil AgehrsClient InfoI1756730Filter AgehrsClient InfoO00Oil ChangedClient InfoNAN/AN/ASample StatusClient InfoN/AN/AN/APQASTM D8184>12501147182232IronpmASTM D8185>911071043771ChromiumppmASTM D8185>9131210NickelppmASTM D8185>9131210NickelppmASTM D8185>9131220PatappmASTM D8185>91000AluminumppmASTM D8185>401023920LeadppmASTM D8185>4010011VanadiumppmASTM D8185>4010011VanadiumppmASTM D8185>4010011VanadiumppmASTM D8185>4010011VanadiumppmASTM D8185>4010011VanadiumppmASTM D8185>5100011VanadiumppmASTM D8185>5100011Valadiumppm<	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine AgehrsCilent Info319926972024Oil AgehrsCilent Info11756730Filter AgehrsCilent Info000Oil ChangedCilent InfoKhangedNr/AN/AN/ASample StatusCilent InfoN/AN/AN/AN/ASample StatusSTM D8184>125017418232IronppmASTM D5185m>9131210NickelppmASTM D5185m>9131210NickelppmASTM D5185m>10988TitaniumppmASTM D5185m>10988SilverppmASTM D5185m>10000AuminumppmASTM D5185m>10988VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>1000<11VanadiumppmASTM D5185m>100<11<11ValadiumppmASTM D5185m>20312918WaterVisualNONENONENONENONENONESiliconppmASTM D5185m>20312918WaterVisualNONENONENONENONENONESoliconppmASTM D5185m>20312918WaterVisualNONE <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>JR0208004</th> <th>JR0185156</th> <th>JR0149412</th>	Sample Number		Client Info		JR0208004	JR0185156	JR0149412
Oil Age Filter AgehrsClient Info11756730Filter AgehrsClient Info000Oil ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/APQASTM D8184>125017418232IronppmASTM D5185m>75011071043771ChromiumppmASTM D5185m>9131210NickelppmASTM D5185m>9131210SilverppmASTM D5185m>10988TitaniumppmASTM D5185m>109810QopperppmASTM D5185m>1010299LeadppmASTM D5185m>1010298CopperppmASTM D5185m>10001107VanadiumppmASTM D5185m>10001107VanadiumppmASTM D5185m>10001107VanadiumppmASTM D5185m>10001107VanadiumppmASTM D5185m>10001107VanadiumppmASTM D5185m>10001107VanadiumppmASTM D5185m>101<<<11<1<VanadiumppmASTM D5185m>10101<1<1<VanadiumppmASTM	Sample Date		Client Info		16 Apr 2024	29 Aug 2023	24 Oct 2022
Filter Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     N/A     N/A     N/A     N/A       Sample Status     Client Info     N/A     N/A     N/A     N/A       Sample Status     ASTM D8184     >1250     114     182     32       Iron     ppm     ASTM D5185     >750     1107     10433     A 771       Chromium     ppm     ASTM D5185     >9     13     12     A 10       Nickel     ppm     ASTM D5185     >9     102     88     8       Titanium     ppm     ASTM D5185     >10     9     8     8       Silver     ppm     ASTM D5185     >10     0     0     0       Qaddum     ppm     ASTM D5185     >10     0     0     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<	Machine Age	hrs	Client Info		3199	2697	2024
Oil Changed Filter ChangedClient InfoChanged N/AN/AN/ASample StatusClient InfoN/AN/AN/AN/APQASTM D8184>125017418232IronppmASTM D8185>75011071043771ChromiumppmASTM D5185>9131210NickelppmASTM D5185>10988TitaniumppmASTM D51850000AluminumppmASTM D5185>40000AluminumppmASTM D5185>40222TinppmASTM D5185>40222TinppmASTM D5185>1000<11VanadiumppmASTM D5185>1000<11VanadiumppmASTM D5185>1000<11VanadiumppmASTM D5185>1000<11ValoutinumppmASTM D5185>503129118ValoutinumppmASTM D5185>203129118ValoutinumppmASTM D5185>203129118ValoutinumppmASTM D5185>203129118ValoutinumppmASTM D5185>203129118ValoutinumppmASTM D5185>203129118Valout	Oil Age	hrs	Client Info		1175	673	0
Filter Changed   Client Info   N/A   N/A   N/A   N/A     PQ   ASTM D8164   >1250   174   182   32     Iron   pm   ASTM D5185n   >750   1107   1043   A771     Chromium   ppm   ASTM D5185n   >90   13   12   10     Nickel   ppm   ASTM D5185n   >90   13   12   10     Nickel   ppm   ASTM D5185n   >90   102   88   8     Silver   ppm   ASTM D5185n   >40   0   0   0     Auminum   ppm   ASTM D5185n   >40   102   89   20     Lead   ppm   ASTM D5185n   >40   10   0   0   1     Vanadium   ppm   ASTM D5185n   >40   2   2   2   1     Vanadium   ppm   ASTM D5185n   >40   0   0   <-1   1     Vanadium   ppm   ASTM D5185n   >50   C   1   <1   1   1     Vanadium   ppm	Filter Age	hrs	Client Info		0	0	0
Sample StatusABNORMALABNORMALABNORMALABNORMALPQASTM D8185>125017418232IronppmASTM D5185>911071043771ChromiumppmASTM D5185>9131210NickelppmASTM D5185>9131210NickelppmASTM D5185>10988TitaniumppmASTM D5185>10000AluminumppmASTM D5185>4012222LeadppmASTM D5185>40222TinppmASTM D5185>40222TinppmASTM D5185>40222VanadiumppmASTM D5185>1000<1VanadiumppmASTM D5185>1000<1VanadiumppmASTM D5185>1000<1Yellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185>20312918WaterWC Method20.075NEGNORENONESoliconppmASTM D5185>20312918Debrisscalar*VisualNONENONENONENONESodiumppmASTM D5185>51756BoronppmASTM D5185>51	Oil Changed		Client Info		Changed	Not Changd	Changed
PQASTM D8184>125017418232IronppmASTM D5185>75011071043771ChromiumppmASTM D5185>9131210NickelppmASTM D5185>9131210NickelppmASTM D5185>9611SilverppmASTM D5185>10988TitaniumppmASTM D5185>40000AluminumppmASTM D5185>401028920LeadppmASTM D5185>40222TinppmASTM D5185>40222TinppmASTM D5185>40222YanadiumppmASTM D5185>40222YanadiumppmASTM D5185>4000<1YanadiumppmASTM D5185>40222Yellow Metalscalar'VisualNONENONENONENONEYellow Metalscalar'VisualNONENONENONENONEYellow Metalscalar'VisualNONENONENONENONESiliconppmASTM D5185>50NONENONENONEPotassiumppmASTM D5185>50NONENONENONESoliconscalar'VisualNONENONENONENONE <td< th=""><th>Filter Changed</th><th></th><th>Client Info</th><th></th><th>N/A</th><th>N/A</th><th>N/A</th></td<>	Filter Changed		Client Info		N/A	N/A	N/A
Iron     ppm     ASTM D5185m     >750     1107     1043     771       Chromium     ppm     ASTM D5185m     >9     13     12     10       Nickel     ppm     ASTM D5185m     9     9     8     8       Titanium     ppm     ASTM D5185m     6     6     1       Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >40     102     89     20       Lead     ppm     ASTM D5185m     >10     0     0     <11       Vanadium     ppm     ASTM D5185m     >10     0     0     <11       Vanadium     ppm     ASTM D5185m     >10     0     0     <11  Vanadium     ppm     ASTM D5185m     >10     0     0     <11     <1       Vanadium     ppm     ASTM D5185m     >10     0     0     <11     <11     <11       Vanadium     ppm     ASTM D5185m     >75     X19<	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Iron     ppm     ASTM D5185m     >750     1107     1043     A 771       Chromium     ppm     ASTM D5185m     >90     13     12     10       Nickel     ppm     ASTM D5185m     0     9     8     8       Titanium     ppm     ASTM D5185m     6     6     1       Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >40     102     89     20       Lead     ppm     ASTM D5185m     >10     0     0     <11       Vanadium     ppm     ASTM D5185m     >10     0     0     <11       Vanadium     ppm     ASTM D5185m     >10     0     0     <11     <1       Vanadium     ppm     ASTM D5185m     >10     0     0     <11     <1<       Vanadium     ppm     ASTM D5185m     >10     0     0     <11     <11     <11       Vanadium     ppm     ASTM D5185m>	PO			. 1050	174	100	20
Chromium     ppm     ASTM D5185m     >P0     13     12     10       Nickel     ppm     ASTM D5185m     >10     9     8     8       Titanium     ppm     ASTM D5185m     6     6     1       Silver     ppm     ASTM D5185m     0     0     0     0       Auminum     ppm     ASTM D5185m     >40     102     ® 89     20       Lead     ppm     ASTM D5185m     >40     0     0     0       Copper     ppm     ASTM D5185m     >40     2     2     2       Tin     ppm     ASTM D5185m     >40     0     0      10       Vanadium     ppm     ASTM D5185m     >10     0     0     <11		nom					
Nickel     ppm     ASTM D5185m     >10     9     8     8       Titanium     ppm     ASTM D5185m     6     1       Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >40     102     89     20       Lead     ppm     ASTM D5185m     >40     2     2     2       Tin     ppm     ASTM D5185m     >40     0     0     0       Copper     ppm     ASTM D5185m     >40     2     2     2       Tin     ppm     ASTM D5185m     >40     0     0     <1       Vanadium     ppm     ASTM D5185m     >10     0     0     <1       Vanadium     ppm     ASTM D5185m     >75     <214     <191     50       Yellow Metal     scalar     'Visual     NONE     NONE     NONE     NONE       Silicon     ppm     ASTM D5185m<>75     NEG     NEG     NEG     NORE							
Titanium     ppm     ASTM D5185m     6     1       Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >40     102     89     20       Lead     ppm     ASTM D5185m     >40     2     2     2       Tin     ppm     ASTM D5185m     >40     0     0     <1       Vanadium     ppm     ASTM D5185m     >40     0     0     <1       Vanadium     ppm     ASTM D5185m     >40     1     <1     <1       Vanadium     ppm     ASTM D5185m     >10     0     0     <1     <1     <1       Vanadium     ppm     ASTM D5185m     >75     ▲ 214     ▲ 191     50       Yellow Metal     scalar     *Visual     NONE     NONE     NONE     NONE       Silicon     ppm     ASTM D5185m<>75     A 214     ▲ 191     50       Potassium     ppm     ASTM D5185m     >20     31     29					-		
Silver     ppm     ASTM D5185m     0     0     0     0       Aluminum     ppm     ASTM D5185m<>40     102     89     20       Lead     ppm     ASTM D5185m<>15     <1     0     0       Copper     ppm     ASTM D5185m<>40     2     2     2       Tin     ppm     ASTM D5185m<>10     0     0     <1       Vanadium     ppm     ASTM D5185m     >10     NONE     NONE     NONE     NONE       Yellow Metal     scalar     *Visual     NONE     NONE     NONE     NONE     NONE       Silicon     ppm     ASTM D5185m<>20     31     29     18       Water     WC Method >0.075     NEG     NEG     NONE     NONE				>10			
Aluminum     ppm     ASTM D5185m     >40     102     89     20       Lead     ppm     ASTM D5185m     >15     <1     0     0       Copper     ppm     ASTM D5185m     >40     2     2     2       Tin     ppm     ASTM D5185m     >10     0     0     <1       Vanadium     ppm     ASTM D5185m     >10     0     0     <1       White Metal     scalar     *Visual     NONE     NONE     NONE     NONE     NONE       Yellow Metal     scalar     *Visual     NONE     NONE     NONE     NONE     NONE       Silicon     ppm     ASTM D5185m     >75 <b>A</b> 214     191     50       Potassium     ppm     ASTM D5185m     >20     31     29     18       Water     WC Method     >0.075     NEG     NORE     NORE       Sand/Dirt     scalar     *Visual     NOR     NORE     NORML     NORML       Appearance     scalar					-		
Lead     ppm     ASTM D5185m     >15     <1				> 10			-
CopperppmASTM D5185m>40222TinppmASTM D5185m>1000<1					-		
TinppmASTM D5185m>1000<1	-						
VanadiumppmASTM D5185m<1							
White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONENONESiliconppmASTM D5185m>7521419150PotassiumppmASTM D5185m>20312918WaterWC Method>0.075NEGNEGNEGSilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLGotiumppmASTM D5185m>51756BoronppmASTM D5185m2222MolybdenumppmASTM D5185m121429MolybdenumppmASTM D5185m12129MagnesiumppmASTM D5185m15146CalciumppmASTM D5185m6662827PhosphorusppmASTM D5185m544865SulfurppmASTM D5185m544865				>10			
Yellow Metalscalar*VisualNONENONENONENONENONESiliconppmASTM D5185m>75▲ 214▲ 19150PotassiumppmASTM D5185m>20312918WaterWC Method>0.075NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m>51756BariumppmASTM D5185m22222MolybdenumppmASTM D5185m121429MagnesiumppmASTM D5185m12146CalciumppmASTM D5185m562827PhosphorusppmASTM D5185m330386504ZincppmASTM D5185m5444865SulfurppmASTM D5185m542200222690							
Silicon     ppm     ASTM D5185m<>75     ▲ 214     ▲ 191     50       Potassium     ppm     ASTM D5185m<>20     31     29     18       Water     WC Method<>0.075     NEG     NEG     NEG       Silt     scalar     *Visual     NONE     NONE     NONE     NONE       Debris     scalar     *Visual     NONE     NONE     NONE     NONE     NONE       Sand/Dirt     scalar     *Visual     NONE     NONE     NONE     NONE     NONE       Appearance     scalar     *Visual     NORM     NORML     NORML     NORML     NORML     NORML       Odor     scalar     *Visual     NOR     NOR     NOR     NORML     NORML     NORML       Godium     ppm     ASTM D5185m     >51     7     5     6       Boron     ppm     ASTM D5185m     20     22     2     2       Molybdenum     ppm     ASTM D5185m     2     2     2     2     2 <tr< th=""><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th></tr<>					-		
PotassiumppmASTM D5185m>20312918WaterWC Method>0.075NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m242640BariumppmASTM D5185m121429MolybdenumppmASTM D5185m15146CalciumppmASTM D5185m15146CalciumppmASTM D5185m330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m544865		scalar	Visual	NONE	NONE	NONE	NONE
WaterWC Method scalarNCPGNEGNEGNEGSiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Watescalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m2426400BariumppmASTM D5185m121429MalganeseppmASTM D5185m12129MagnesiumppmASTM D5185m662827PhosphorusppmASTM D5185m330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m5412200222690	Silicon	ppm	ASTM D5185m	>75	<b>4</b> 214	<b>1</b> 91	50
Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m242640BariumppmASTM D5185m121429MolybdenumppmASTM D5185m12129MagnesiumppmASTM D5185m15146CalciumppmASTM D5185m662827PhosphorusppmASTM D5185m330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m1177752200222690	Potassium	ppm	ASTM D5185m	>20	31	29	18
Debrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m>51121429MolybdenumppmASTM D5185m12129MagnesiumppmASTM D5185m151146CalciumppmASTM D5185m662827PhosphorusppmASTM D5185m1330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m5412200222690	Water		WC Method	>0.075	NEG	NEG	NEG
Sand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m2426400BariumppmASTM D5185m121429MolybdenumppmASTM D5185m2222MagnesiumppmASTM D5185m112129MagnesiumppmASTM D5185m662827PhosphorusppmASTM D5185m330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m1177752200222690	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m>51756BariumppmASTM D5185m121429MolybdenumppmASTM D5185m2222ManganeseppmASTM D5185m12129MagnesiumppmASTM D5185m15146CalciumppmASTM D5185m662827PhosphorusppmASTM D5185m330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m542200222690	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m>51756BariumppmASTM D5185m121429MolybdenumppmASTM D5185m12122ManganeseppmASTM D5185m112129MagnesiumppmASTM D5185m662827PhosphorusppmASTM D5185m66628504ZincppmASTM D5185m544865SulfurppmASTM D5185m542200222690	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Waterscalar*Visual>0.075NEGNEGNEGSodiumppmASTM D5185m>51756BoronppmASTM D5185m242640BariumppmASTM D5185m121429MolybdenumppmASTM D5185m222ManganeseppmASTM D5185m12129MagnesiumppmASTM D5185m15146CalciumppmASTM D5185m662827PhosphorusppmASTM D5185m330386504ZincppmASTM D5185m544865SulfurppmASTM D5185m1177752200222690	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sodium     ppm     ASTM D5185m<>51     7     5     6       Boron     ppm     ASTM D5185m     24     26     40       Barium     ppm     ASTM D5185m     12     14     29       Molybdenum     ppm     ASTM D5185m     2     2     2       Manganese     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     117775     22002     22690	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Boron     ppm     ASTM D5185m     24     26     40       Barium     ppm     ASTM D5185m     12     14     29       Molybdenum     ppm     ASTM D5185m     2     2     2       Manganese     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     15     14     6       Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690	Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	NEG
Boron     ppm     ASTM D5185m     24     26     40       Barium     ppm     ASTM D5185m     12     14     29       Molybdenum     ppm     ASTM D5185m     2     2     2       Manganese     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     15     14     6       Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690	Sodium	ppm	ASTM D5185m	>51	7	5	6
Barium     ppm     ASTM D5185m     12     14     29       Molybdenum     ppm     ASTM D5185m     2     2     2       Manganese     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     15     14     6       Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690							
Molybdenum     ppm     ASTM D5185m     2     2     2       Manganese     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     15     14     6       Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690	Barium					14	29
Manganese     ppm     ASTM D5185m     12     12     9       Magnesium     ppm     ASTM D5185m     15     14     6       Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690	Molybdenum		ASTM D5185m		2	2	2
Magnesium     ppm     ASTM D5185m     15     14     6       Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690			ASTM D5185m		12		9
Calcium     ppm     ASTM D5185m     66     28     27       Phosphorus     ppm     ASTM D5185m     330     386     504       Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690	Magnesium		ASTM D5185m		15	14	6
Phosphorus     ppm     ASTM D5185m <b>330</b> 386     504       Zinc     ppm     ASTM D5185m <b>54</b> 48     65       Sulfur     ppm     ASTM D5185m <b>17775</b> 22002     22690	Calcium		ASTM D5185m		66	28	
Zinc     ppm     ASTM D5185m     54     48     65       Sulfur     ppm     ASTM D5185m     17775     22002     22690	Phosphorus		ASTM D5185m		330	386	504
Sulfur     ppm     ASTM D5185m     17775     22002     22690	Zinc		ASTM D5185m		54	48	65
	Sulfur		ASTM D5185m		17775	22002	22690
	Visc @ 40°C	cSt	ASTM D445		135	135	129

Contact/Location: MARK ROSS - TENCAN



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **TENNOCA CONSTRUCTION** Laboratory Sample No. : JR0208004 Received PO BOX 2379 : 23 Apr 2024 Lab Number : 06158527 : 25 Apr 2024 CANDLER, NC Tested : 25 Apr 2024 - Don Baldridge US 28715 Unique Number : 10993950 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: MARK ROSS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. mark@tennoca.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (828)665-8331 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: