

WEAR **ABNORMAL** CONTAMINATION **ABNORMAL FLUID CONDITION** NORMAL



Machine Id 420092 ponen Transmission (Auto)

ATF VI (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

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|---|----|---|-----|
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The copper level is abnormal. All other component wear rates are normal.

CONTAMINATION

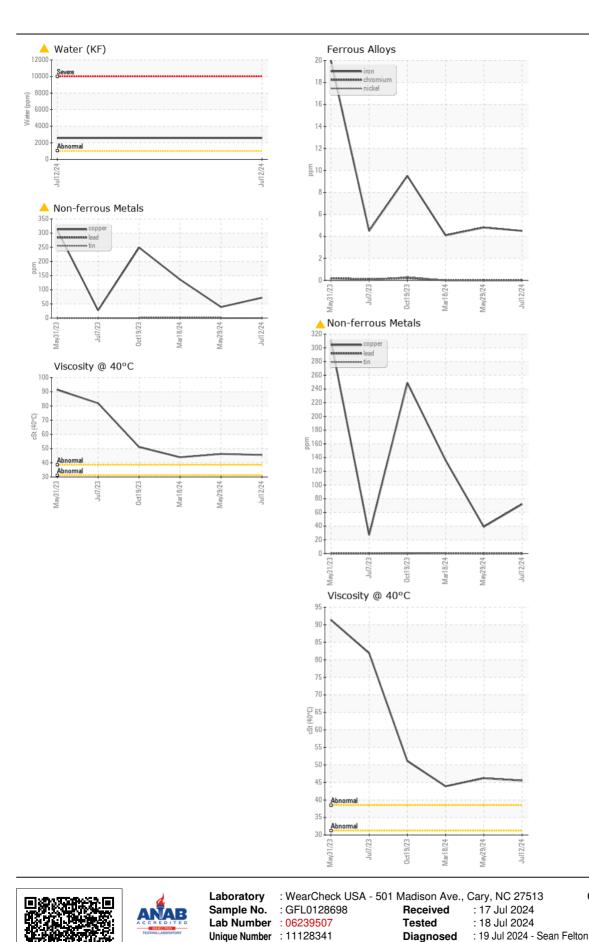
There is a light concentration of water present in the fluid.

| FLUID | | |
|-------|-------------|--|
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The condition of the fluid is acceptable for the time in service.

| TestUOMMethodLimit/ADCurrentHistory1History2Sample NumberClient InfoGFL0128688GFL0128080GFL0128080GFL0128080Sample DateClient Info12 Jul 202429 May 202418 Mar 2024Machine AgemlsClient Info162521151032150271Oil AgemlsClient Info162521151032150271Oil ChangedClient InfoINot ChangedChangedChangedFilter AgemlsClient InfoNot ChangedChangedChangedSample StatusClient InfoNot ChangedChangedChangedIronppmASTM D5185>2204S4ChromiumppmASTM D5185>220000NickelppmASTM D5185>250000SilverppmASTM D5185>554000GopperppmASTM D5185>5012211LeadppmASTM D5185>500000VanadiumppmASTM D5185>100000VanadiumppmASTM D5185>501114PotassiumppmASTM D5185>20000VanadiumppmASTM D5186>20000VanadiumppmASTM D5186>20000Siltoon< | | | | | | | |
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| Sample DateClient InfoI2 Jul 202429 May 202418 Mar 2024Machine AgemisClient InfoI62521151032150271Oil AgemisClient InfoI62521151032150271Filter AgemisClient InfoNot ChangedChangedChangedFilter ChangedClient InfoNot ChangChangedChangedSample StatusClient InfoNot ChangChangedChangedSample StatusStM 05185m>20454IronppmASTM 05185m>20000NickelppmASTM 05185m>5000NickelppmASTM 05185m>5000SilverppmASTM 05185m>500016CopperppmASTM 05185m>500016VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>50000VanduumppmASTM 05185m>501000Silconppm< | Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
| Machine AgemisClient Info162521151032150271Oil AgemisClient Info162521151032150271Filter AgemisClient InfoNot ChangdChangedChangedOil ChangedClient InfoNot ChangdChangedChangedFilter ChangedClient InfoNot ChangdChangedChangedSample StatusVASTM D5185m>220454ChromiumppmASTM D5185m>20400NickelppmASTM D5185m>50000SilverppmASTM D5185m>50000SilverppmASTM D5185m>5000<1LeadppmASTM D5185m>50000VanadiumppmASTM D5185m>10000VanadiumppmASTM D5185m>20000Vallow Metalscalar'VisualNONENONENONENONEVallow Metalscalar'VisualNONE11114PotassiumppmASTM D5185m>2000SiliconppmASTM D5185m>2000SiliconppmASTM D5185m>2000SiliconppmASTM D5185m>200Spm MaterppmASTM D5185m>200< | Sample Number | | Client Info | | GFL0128698 | GFL0123605 | GFL0112093 |
| Oil Age Filter AgemisClient InfoIE2521151032150271Filter AgemisClient InfoNot ChangdChangedChangedChangedGil ChangedClient InfoNot ChangdChangedChangedChangedFilter ChangedClient InfoNot ChangdChangedChangedSample StatusXSTM D5185m>2204S4IronppmASTM D5185m>2204S4ChromiumppmASTM D5185m>5000NickelppmASTM D5185m>5000SilverppmASTM D5185m>5000SilverppmASTM D5185m>5000CopperppmASTM D5185m>5000VanadiumppmASTM D5185m>5000VanaduumppmASTM D5185m>51000VanaduumppmASTM D5185m>20000VanaduumppmASTM D5185m>20000VanaduumppmASTM D5185m>20000VanaduumppmASTM D5185m>20000VanaduumppmASTM D5185m>20000VanaduumppmASTM D5185m>20000VanaduumppmASTM D5185m>20000 </th <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>12 Jul 2024</th> <th>29 May 2024</th> <th>18 Mar 2024</th> | Sample Date | | Client Info | | 12 Jul 2024 | 29 May 2024 | 18 Mar 2024 |
| Filter AgemisClient Info00150271Oil ChangedClient InfoNot ChangedChangedChangedChangedChangedFilter ChangedClient InfoNot ChangedChangedChangedChangedSample StatusXABNORMALNORMALABNORMALIronppmASTM 05185m>220454ChromiumppmASTM 05185m>2000NickelppmASTM 05185m>5000NickelppmASTM 05185m>5000SilverppmASTM 05185m>55000AuminumppmASTM 05185m>50001LeadppmASTM 05185m>50000VanadiumppmASTM 05185m>50000VanadiumppmASTM 05185m>10000VanadiumppmASTM 05185m>10000Vellow Metalscalar"VisualNONENONENONENONESiliconppmASTM 05185m>200000Vatar%ASTM 05185m>200000Vatar%ASTM 05185m>200000SiliconppmASTM 05185m>200000SiliconppmASTM 05185m>200 <t< th=""><th>Machine Age</th><th>mls</th><th>Client Info</th><th></th><th>162521</th><th>151032</th><th>150271</th></t<> | Machine Age | mls | Client Info | | 162521 | 151032 | 150271 |
| Oil ChangedClient InfoNot ChangedChangedChangedFilter ChangedClient InfoNot ChangedChangedChangedSample StatusKill D51850>2204S.ABNORMALIronppmASTM D51850>2000NickelppmASTM D51850>2000NickelppmASTM D51850>2000SilverppmASTM D51850>5000AluminumppmASTM D51850>50011LeadppmASTM D51850>5000136CopperppmASTM D51850>50000VanadiumppmASTM D51850>50000VanadiumppmASTM D51850>50000VanadiumppmASTM D51850>10000VanadiumppmASTM D51850>10000VanadiumppmASTM D51850>25121114PotassiumppmASTM D51850>20000Valence%ASTM D51850>25121114PotassiumppmASTM D51850>20000SiliconppmASTM D51850>2000Siliconscalar*VisualNONENONENONENONEDebrisscalar <th>Oil Age</th> <th>mls</th> <th>Client Info</th> <th></th> <th>162521</th> <th>151032</th> <th>150271</th> | Oil Age | mls | Client Info | | 162521 | 151032 | 150271 |
| Filter Changed Sample StatusClient InfoNot Changed ABNORMALChanged Changed ABNORMALChanged ABNORMALChanged ABNORMALChanged ABNORMALIronppmASTM D5185>220454ChromiumppmASTM D5185>2000NickelppmASTM D5185>5000TitaniumppmASTM D5185>5000SilverppmASTM D5185>500<1LeadppmASTM D5185>500<13136TinppmASTM D5185>5000<1CopperppmASTM D5185>5000<1Yellow Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONE<1SiliconppmASTM D5185>2000SiliconppmASTM D5185>200000Water%ASTM D5185>200SilitonppmASTM D5185>200SilitonppmASTM D5185>200SilitonppmASTM D5185>200Silitonscalar*VisualNONENONENONENONEAppearancescalar*Visua | Filter Age | mls | Client Info | | 0 | 0 | 150271 |
| Sample StatusASTM D5185s>220ABNORMALNORMALABNORMALIronppmASTM D5185s>22000NickelppmASTM D5185s>2000NickelppmASTM D5185s>5000TitaniumppmASTM D5185s>5000SilverppmASTM D5185s>55000AluminumppmASTM D5185s>5500<1LeadppmASTM D5185s>5000<1CopperppmASTM D5185s>50000VanadiumppmASTM D5185s>50000VanadiumppmASTM D5185s>50000VanadiumppmASTM D5185s>50000VanadiumppmASTM D5185s>50000Valden Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185s>20000Water%ASTM D5185s>20000SiliconppmASTM D5185s>20000PotassiumppmASTM D5185s>20000Siliconscalar*VisualNONENONENONENONEDebris | Oil Changed | | Client Info | | Not Changd | Changed | Changed |
| IronppmASTM D5185m< >220454ChromiumppmASTM D5185m>2000NickelppmASTM D5185m>5000TitaniumppmASTM D5185m>5000SilverppmASTM D5185m>5000AluminumppmASTM D5185m>50001LeadppmASTM D5185m>50001CopperppmASTM D5185m>100000VanadiumppmASTM D5185m>100000VanadiumppmASTM D5185m>10NONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESiliconppmASTM D5185m>200000Water%ASTM D5185m>20121114PotassiumppmASTM D5185m>20000Water%ASTM D5185m>20000Silitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORNORENORENOREAppearancescalar*VisualNORNORENORENOREBoronppmASTM D5 | Filter Changed | | Client Info | | Not Changd | Changed | Changed |
| Chromium NickelppmASTM D5185m>2000NickelppmASTM D5185m>5000TitaniumppmASTM D5185m>5000SilverppmASTM D5185m>550000AluminumppmASTM D5185m>50001LeadppmASTM D5185m>50001CopperppmASTM D5185m>60A 72339A 136TinppmASTM D5185m>10000VanadiumppmASTM D5185m>10NONENONENONEYellow Metalscalar*VisualNONENONENONENONEMODERSiliconppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>250Silitscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENORENONENORENOREAppearancescalar*VisualNOR0000 | Sample Status | | | | ABNORMAL | NORMAL | ABNORMAL |
| Chromium NickelppmASTM D5185m>2000NickelppmASTM D5185m>5000TitaniumppmASTM D5185m>5000SilverppmASTM D5185m>550000AluminumppmASTM D5185m>50001LeadppmASTM D5185m>50001CopperppmASTM D5185m>60A 72339A 136TinppmASTM D5185m>10000VanadiumppmASTM D5185m>10NONENONENONEYellow Metalscalar*VisualNONENONENONENONEMODERSiliconppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>251211114PotassiumppmASTM D5185m>250Silitscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENORENONENORENOREAppearancescalar*VisualNOR0000 | Iron | nnm | 4STM D5185m | <220 | Л | 5 | Д |
| NickelpmASTM D5185m>50000TitaniumppmASTM D5185m>50000SilverppmASTM D5185m>500011LeadppmASTM D5185m>50001CopperppmASTM D5185m>0000VanadiumppmASTM D5185m0000VanadiumppmASTM D5185m0000White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONE1114PotassiumppmASTM D5185m>20000Water%ASTM D5185m>201000SiliconppmASTM D5185m>2011114PotassiumppmASTM D5185m>20000Water%ASTM D5185m>201000SiliconppmASTM D5185m>201000Water%ASTM D5185m>20000Siliconscalar*VisualNONENONENONENONESiliconscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAdpearancescalar*VisualNORMNORMLNORMLNORMLBoronppm </th <th>-</th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th> | - | | | | - | | |
| TitaniumppmASTM D5185m< | | | | | - | | |
| SilverppmASTM D5185m>5000AluminumppmASTM D5185m>75<121LeadppmASTM D5185m>9500<1CopperppmASTM D5185m>607239136TinppmASTM D5185m>10000VanadiumppmASTM D5185m>10000White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONE1114PotassiumppmASTM D5185m>20000Water%ASTM D5185m>20000WaterppmASTM D5185m>20000WaterppmASTM D5185m>20000WaterppmASTM D5185m>20000WaterppmASTM D5185m>20000Waterscalar*VisualNONEAC.2577Siliconscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAdpearancescalar*VisualNORNORMLNORMLNORMLAdpearancescalar*VisualNORO00SodiumppmASTM D5185mCG32Boron <th></th> <th></th> <th></th> <th>20</th> <th>-</th> <th></th> <th></th> | | | | 20 | - | | |
| AluminumppmASTM D5185m>75<1 | | | | >5 | | | |
| LeadppmASTM D5185m>9500<1 | | | | | | | |
| CopperppmASTM D5185m>60A 7239A 136TinppmASTM D5185m>10000VanadiumppmASTM D5185m0000White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONEMODESiliconppmASTM D5185m>251211114PotassiumppmASTM D5185m>20000Water%ASTM D50304>0.14.0.257ppm WaterppmASTM D50304>1000ASTM D5NONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORNORMNORMNORMOdorscalar*VisualNORNORMNORMNORMAppearancescalar*VisualNORNORMNORMNORMSodiumppmASTM D5185mS54BronnppmASTM D5185mC000Malyfied Waterscalar*VisualNORNORMNORMNORMBronnppmASTM D5185mC000Malyfied WaterppmASTM D5185mC112Manganese | | | | | | | |
| TinppmASTM D5185m>10000VanadiumppmASTM D5185m0000White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEMODESiliconppmASTM D5185m>251211114PotassiumppmASTM D5185m>20000Water%ASTM D6304>0.1▲ 0.257ppm WaterppmASTM D6304>1000▲ 2570Silitscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNORNORMNORMNORMNORMLAppearancescalar*VisualNORNORMLNORMLNORMLNORMLGdorscalar*VisualNORNORMLNORMLNORMLNORMLGdorscalar*VisualNOR0023Appearancescalar*VisualNORNORMLNORMLNORMLGdorscalar*VisualNORNORMLNORMLNORMLGdorscalar*VisualNORNORMLNORMLNORMLGdorscalar*VisualNORNORMLNORMLNORMLGdorsc | | | | | | | |
| VanadiumppmASTM D5185mOOOWhite Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEMODERSiliconppmASTM D5185m>251211114PotassiumppmASTM D5185m>20O00Water%ASTM D6304>0.1▲ 0.257ppm WaterppmASTM D6304>1000▲ 2570Silitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORNONENONENOREAppearancescalar*VisualNORNORMLNORMLNORMLOdorscalar*VisualNORNORMLNORMLNORMLGoronscalar*VisualNORNORMLNORMLNORMLBoronppmASTM D5185mG002BariumppmASTM D5185m112ManganeseppmASTM D5185m<112ManganeseppmASTM D5185m290929223076PhosphorusppmASTM D5185m914939975ZincppmASTM D5185m1086111171197 | | | | | | | |
| White Metalscalar*VisualNONENONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEMODERSiliconppmASTM D5185m>201211114PotassiumppmASTM D5185m>20000Water%ASTM D6304>0.042570ppm WaterppmASTM D6304>0.042570Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENORHLAppearancescalar*VisualNORMNORMLNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLNORMLBoronppmASTM D5185m544BoronppmASTM D5185m10000MolybdenumppmASTM D5185m2323MagnesiumppmASTM D5185m21123MagnesiumppmASTM D5185m2307633PhosphorusppmASTM D5185m2307633JoshJoshJoshJosh1103630753SodiumppmAST | | | | >10 | - | | |
| Yellow Metalscalar*VisualNONENONEMODERSiliconppmASTM D5185m>251211114PotassiumppmASTM D5185m>20000Water%ASTM D6304>0.1▲ 0.257ppm WaterppmASTM D6304>1000▲ 2570Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMNORMNONENONEAppearancescalar*VisualNORMNORMNORMNORMOdorscalar*VisualNORMNORMNORMNORMSodiumppmASTM D5185m54BoronppmASTM D5185m54BariumppmASTM D5185m000MolybdenumppmASTM D5185m21112MaganeseppmASTM D5185m21112ManganeseppmASTM D5185m21123076PhosphorusppmASTM D5185m290929223076PhosphorusppmASTM D5185m108611171197 | | | | NONE | | | |
| SiliconppmASTM D5185m>20121114PotassiumppmASTM D5185m>20000Water%ASTM D6304>0.1▲ 0.257ppm WaterppmASTM D6304>1000▲ 25700Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENORMNORMNORMNORMNORMAppearancescalar*VisualNORMNORMNORMNORMNORMNORMGdorscalar*VisualNORMNORMNORMNORMNORMNORMBoronppmASTM D5185ms54BoronppmASTM D5185mG000MolybdenumppmASTM D5185mQ232ManganeseppmASTM D5185mC412ManganeseppmASTM D5185mC232PhosphorusppmASTM D5185mC230763PhosphorusppmASTM D5185mC290929223076PhosphorusppmASTM D5185mQ914939975PhosphorusppmASTM D5185mC108611171197 | | | | | | | |
| Potassium ppm ASTM D5185m >20 0 0 0 Water % ASTM D6304 >0.1 ▲ 0.257 ppm Water ppm ASTM D6304 >1000 ▲ 2570 Silt scalar *Visual NONE 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 Odor scalar *Visual NORM NORML NORML NORML Goron scalar *Visual NORM NORML NORML NORML Boron ppm ASTM D5185m 5 4 Boron ppm ASTM D5185m 0 0 0 Malganese | | Jouran | vi5001 | NONE | | NONE | MODEIT |
| Water%ASTM D6304>0.1 \checkmark 0.257ppm WaterppmASTM D6304>1000 \checkmark 2570 \sim Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLColorscalar*VisualNORMNORMLNORMLNORMLBoronppmASTM D5185m54BoronppmASTM D5185m000ManganeseppmASTM D5185m112ManganeseppmASTM D5185m23076PhosphorusppmASTM D5185m2290929223076PhosphorusppmASTM D5185m108611171197 | Silicon | ppm | ASTM D5185m | >25 | 12 | 11 | 14 |
| ppm WaterppmASTM D6304>1000▲ 2570Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEGSodiumppmASTM D5185m54ABoronppmASTM D5185m0002BariumppmASTM D5185m10002ManganeseppmASTM D5185m1112MagnesiumppmASTM D5185m290929223076PhosphorusppmASTM D5185m108611171197 | Potassium | ppm | ASTM D5185m | >20 | 0 | 0 | 0 |
| Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMNORMLNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEGSodiumppmASTM D5185m54BoronppmASTM D5185m002BariumppmASTM D5185m0002ManganeseppmASTM D5185m1232MagnesiumppmASTM D5185m290929223076PhosphorusppmASTM D5185m108611171197 | Water | % | ASTM D6304 | >0.1 | 6 0.257 | | |
| Debrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNORENORMENORMENORMENORMENORMEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEGNEGSodiumppmASTM D5185mS54BoronppmASTM D5185mG002BariumppmASTM D5185mG000MolybdenumppmASTM D5185mI123MagnesiumppmASTM D5185mI112MagnesiumppmASTM D5185mI929223076PhosphorusppmASTM D5185mI914939975ZincppmASTM D5185mI108611171197 | ppm Water | ppm | ASTM D6304 | >1000 | 4 2570 | | |
| Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEGSodiumppmASTM D5185m54BoronppmASTM D5185m0002BariumppmASTM D5185m10000MolybdenumppmASTM D5185m10112MagnesiumppmASTM D5185m17666CalciumppmASTM D5185m290929223076PhosphorusppmASTM D5185m108611171197 | Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORMLNORML< | Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Norderscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.10.2%NEGNEGSodiumppmASTM D5185m54BoronppmASTM D5185m002BariumppmASTM D5185m000MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m1232MagnesiumppmASTM D5185m1766CalciumppmASTM D5185m290929223076PhosphorusppmASTM D5185m108611171197 | Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Emulsified Waterscalar*Visual>0.10.2%NEGNEGSodiumppmASTM D5185m54BoronppmASTM D5185m002BariumppmASTM D5185m000MolybdenumppmASTM D5185m023ManganeseppmASTM D5185m42MagnesiumppmASTM D5185m66CalciumppmASTM D5185m290929223076PhosphorusppmASTM D5185m914939975ZincppmASTM D5185m108611171197 | Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Sodium ppm ASTM D5185m 5 4 Boron ppm ASTM D5185m 0 0 2 Barium ppm ASTM D5185m 0 0 0 2 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 2 3 2 Manganese ppm ASTM D5185m <1 | Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Boron ppm ASTM D5185m 0 0 2 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 2 3 2 Manganese ppm ASTM D5185m 1 2 Magnesium ppm ASTM D5185m 6 6 Calcium ppm ASTM D5185m 2909 2922 3076 Phosphorus ppm ASTM D5185m 914 939 975 Zinc ppm ASTM D5185m 1086 1117 1197 | Emulsified Water | scalar | *Visual | >0.1 | 0.2% | NEG | NEG |
| Boron ppm ASTM D5185m 0 0 2 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 2 3 2 Manganese ppm ASTM D5185m 1 2 Magnesium ppm ASTM D5185m 6 6 Calcium ppm ASTM D5185m 2909 2922 3076 Phosphorus ppm ASTM D5185m 914 939 975 Zinc ppm ASTM D5185m 1086 1117 1197 | Sodium | ppm | ASTM D5185m | | 5 | 5 | 4 |
| Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 2 3 2 Manganese ppm ASTM D5185m <1 | | | ASTM D5185m | | | | 2 |
| Molybdenum ppm ASTM D5185m 2 3 2 Manganese ppm ASTM D5185m <1 2 Magnesium ppm ASTM D5185m <1 2 Magnesium ppm ASTM D5185m 7 6 6 Calcium ppm ASTM D5185m 2909 2922 3076 Phosphorus ppm ASTM D5185m 914 939 975 Zinc ppm ASTM D5185m 1086 1117 1197 | Barium | | ASTM D5185m | | 0 | 0 | 0 |
| Manganese ppm ASTM D5185m <1 | Molybdenum | | | | 2 | 3 | 2 |
| Calcium ppm ASTM D5185m 2909 2922 3076 Phosphorus ppm ASTM D5185m 914 939 975 Zinc ppm ASTM D5185m 1086 1117 1197 | | | ASTM D5185m | | <1 | 1 | 2 |
| Calcium ppm ASTM D5185m 2909 2922 3076 Phosphorus ppm ASTM D5185m 914 939 975 Zinc ppm ASTM D5185m 1086 1117 1197 | - | ppm | ASTM D5185m | | 7 | 6 | 6 |
| Phosphorus ppm ASTM D5185m 914 939 975 Zinc ppm ASTM D5185m 1086 1117 1197 | - | | | | 2909 | 2922 | |
| Zinc ppm ASTM D5185m 1086 1117 1197 | Phosphorus | | ASTM D5185m | | 914 | 939 | 975 |
| | | ppm | ASTM D5185m | | 1086 | 1117 | 1197 |
| | Sulfur | ppm | ASTM D5185m | | 3819 | 3959 | 4212 |
| Visc @ 40°C cSt ASTM D445 45.5 46.2 43.9 | Visc @ 40°C | cSt | ASTM D445 | | 45.5 | 46.2 | 43.9 |

Submitted By: TECHNICIAN ACCOUNT



Test Package : FLEET (Additional Tests: KF)

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

To discuss this sample report, contact Customer Service at 1-800-237-1369.

GFL Environmental - 983 - Sugar Land Hauling 16011 West Belfort Street Sugar Land, TX US 77498 Contact: TECHNICIAN ACCOUNT wcgfldemo@gmail.com Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Certificate L2367

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