

Machine Id **RK TRUCK 9** Component **Front Hydraulic System** Fluid {not provided} (---- 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

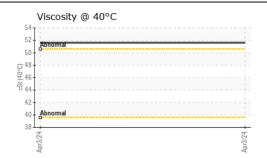
There is no indication of any contamination in the oil.

FLUID CONDITION

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

| TestUOMMethodLimitAbnCurrentHistory1History2Sample NumberClient Info03 Apr 2024Machine AgemisClient Info0Machine AgemisClient Info0Oil AgemisClient Info0Filter AgemisClient Info0Oil ChangedClient InfoNot ChangFilter ChangedOilClient InfoNot ChangSample StatusSample StatusNORMALIronppmASTM D5185m>20<1NickelppmASTM D5185m>100NickelppmASTM D5185m>100AluminumppmASTM D5185m>100AgeppmASTM D5185m>100VanadiumppmASTM D5185m>100YandoumuppmASTM D5185m>200SiliconppmASTM D5185m>200YandoumuppmASTM D5185m>200YandoumuppmASTM D5185m>200YandoumuppmASTM D5185m>200Yandoumu <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | | | | | | | |
|---|------------------|--------|-------------|------------|-------------|----------|----------|
| Sample DateClient Info03 Apr 2024 0 Apr 2024Machine AgemlsClient Info0Oil AgemlsClient Info0Filter AgemlsClient InfoNot ChangdOil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusClient InfoNot ChangdIronppmASTM D5185m>20<1ChromiumppmASTM D5185m>100NickelppmASTM D5185m>100SilverppmASTM D5185m>100AluminumppmASTM D5185m>100AluminumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>20<1VanadiumppmASTM D5185m>200SiliconppmASTM D5185m>20<1Yellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>200SiliconppmASTM D5185m>20 <t< th=""><th>Test</th><th>UOM</th><th>Method</th><th>Limit/Abn</th><th>Current</th><th>History1</th><th>History2</th></t<> | Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
| Machine AgemlsClient Info0Oil AgemlsClient Info0Filter AgemlsClient InfoNot ChangdOil ChangedClient InfoNot ChangdFilter ChangedQClient InfoNot ChangdSample StatusNORMALIronppmASTM D5185m>20<1ChromiumppmASTM D5185m>100NickelppmASTM D5185m>100SilverppmASTM D5185m>100AluminumppmASTM D5185m>100AuminumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>20QVelow Metalscalar*VisualNONENONESiliconppmASTM D5185m>20QValerwclarvisualNONENONESiliconppmASTM D5185m>20QSiliconppmASTM D5185m>20SoliconppmASTM D5185m>20 <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>WC0917781</th> <th></th> <th></th> | Sample Number | | Client Info | | WC0917781 | | |
| Oil AgemlsClient Info0Filter AgemlsClient InfoNot ChangedOil ChangedClient InfoNot ChangedFilter ChangedClient InfoNot ChangedSample StatusNORMALIronppmASTM D5185m>20<1ChromiumppmASTM D5185m>100NickelppmASTM D5185m100TitaniumppmASTM D5185m0SilverppmASTM D5185m100AluminumppmASTM D5185m>100LeadppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100Yellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>200SiliconppmASTM D5185m>200Sultscalar*VisualNONENONESolitscalar*VisualNONENONESiliconppmASTM D5185m>200Solitscalar*VisualNONENONEAppearancescalar <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>03 Apr 2024</th> <th></th> <th></th> | Sample Date | | Client Info | | 03 Apr 2024 | | |
| Filter AgemlsClient Info0Oil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusNORMALIronppmASTM D5185m<>2.0<1ChromiumppmASTM D5185m>100NickelppmASTM D5185m100TitaniumppmASTM D5185m0SilverppmASTM D5185m100AluminumppmASTM D5185m>100LeadppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>200VanadiumppmASTM D5185m>200Yellow Metalscalar*VisualNONESiliconppmASTM D5185m>200SudarvisualNONENONESudarvisualNONENONESoliconppmASTM D5185m>200Debrisscalar*Visual< | Machine Age | mls | Client Info | | 0 | | |
| Oil ChangedClient InfoNot ChangdFilter Changed IClient InfoNot ChangdSample StatusNORMALIronppmASTM D5185m>20<1ChromiumppmASTM D5185m>100NickelppmASTM D5185m>100TitaniumppmASTM D5185m0SilverppmASTM D5185m>100AluminumppmASTM D5185m>100LeadppmASTM D5185m>10<1CopperppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>100VanadiumppmASTM D5185m>200SiliconppmASTM D5185m>200SiliconppmASTM D5185m>200SiliconppmASTM D5185m>200SoliconppmASTM D5185m>200SiliconppmASTM D5185m>200SiliconppmASTM D5185m>200SodiumppmASTM D5185m>20 <th>Oil Age</th> <th>mls</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th> | Oil Age | mls | Client Info | | 0 | | |
| Filter Changed Sample Status Client Info Not Changed NORMAL Iron ppm ASTM D5185m >20 <1 Iron ppm ASTM D5185m >20 <1 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Yellow Metal scalar *Visual | Filter Age | mls | Client Info | | 0 | | |
| Sample Status NORMAL Iron ppm ASTM D5185m >20 <1 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Valow Metal scalar *Visual NONE NONE | Oil Changed | | Client Info | | Not Changd | | |
| Iron ppm ASTM D5185m >20 <1 | Filter Changed | | Client Info | | Not Changd | | |
| Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 <1 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Vellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >20 <td< th=""><th>Sample Status</th><th></th><th></th><th></th><th>NORMAL</th><th></th><th></th></td<> | Sample Status | | | | NORMAL | | |
| Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 <1 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Vellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >20 <td< th=""><th>Iron</th><th>nom</th><th>AQTM D5195m</th><th>× 20</th><th>-1</th><th></th><th></th></td<> | Iron | nom | AQTM D5195m | × 20 | -1 | | |
| Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 ct Copper ppm ASTM D5185m >10 ct Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 ct Yellow Metal scalar *Visual NONE NONE <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<> | | | | | | | |
| Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >75 2 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 0 | | | | | - | | |
| Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >75 2 Tin ppm ASTM D5185m >75 2 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >20 0 Water WC Method >0.1 NEG | | | | >10 | - | | |
| Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >75 2 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 0 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Silit scalar *Visual NONE NONE Sand/Dirt scalar | | | | | - | | |
| LeadppmASTM D5185m>10<1 | 0 | | | <u>\10</u> | - | | |
| CopperppmASTM D5185m>752TinppmASTM D5185m>100VanadiumppmASTM D5185m00White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>20<1PotassiumppmASTM D5185m>200WaterWC Method>0.1NEGSiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLSodiumppmASTM D5185m<1BoronppmASTM D5185m0MolybdenumppmASTM D5185m0 | | | | | - | | |
| TinppmASTM D5185m>100VanadiumppmASTM D5185m0White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>20<1PotassiumppmASTM D5185m>200WaterWC Method>0.1NEGSiltscalar*VisualNONENONESiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNORMLNORMLAppearancescalar*VisualNORMLSodiumppmASTM D5185m<1BoronppmASTM D5185m0MolybdenumppmASTM D5185m0 | | | | | | | |
| VanadiumppmASTM D5185m00White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>20<1PotassiumppmASTM D5185m>200WaterWC Method>0.1NEGSilitscalar*VisualNONENONESiltscalar*VisualNONENONESiltscalar*VisualNONESand/Dirtscalar*VisualNONEAppearancescalar*VisualNORMLNORMLMolybdenumppmASTM D5185m>0MolybdenumppmASTM D5185mc1MolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185mMolybdenumppmASTM D5185m | | | | | _ | | |
| White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>20<1PotassiumppmASTM D5185m>200WaterWC Method>0.1NEGSiltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLSodiumppmASTM D5185m<<1BoronppmASTM D5185m0MolybdenumppmASTM D5185m<1 | | | | 210 | - | | |
| Yellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>20<1PotassiumppmASTM D5185m>200WaterWC Method>0.1NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLSodiumppmASTM D5185m<1BoronppmASTM D5185m0BariumppmASTM D5185m<1MolybdenumppmASTM D5185m<1 | | | | NONE | - | | |
| SiliconppmASTM D5185m>20<1 | | | | | | | |
| PotassiumppmASTM D5185m>200WaterWC Method>0.1NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLSodiumppmASTM D5185mBoronppmASTM D5185m0MolybdenumppmASTM D5185m | | ···· | | | | | |
| WaterWC Method >0.1NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLSodiumppmASTM D5185m<1BoronppmASTM D5185m0MolybdenumppmASTM D5185m<1 | Silicon | ppm | ASTM D5185m | >20 | <1 | | |
| Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185m<1BoronppmASTM D5185m0BariumppmASTM D5185m<1MolybdenumppmASTM D5185m<1 | Potassium | ppm | ASTM D5185m | >20 | 0 | | |
| Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185mBoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m | Water | | WC Method | >0.1 | NEG | | |
| Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185m<1BoronppmASTM D5185m0BariumppmASTM D5185m<1MolybdenumppmASTM D5185m<1 | Silt | scalar | *Visual | NONE | NONE | | |
| Appearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGSodiumppmASTM D5185m<1BoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m<1 | Debris | scalar | *Visual | NONE | NONE | | |
| Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m | Sand/Dirt | scalar | *Visual | NONE | NONE | | |
| Emulsified Water scalar *Visual >0.1 NEG Sodium ppm ASTM D5185m <1 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1 | Appearance | scalar | *Visual | NORML | NORML | | |
| Sodium ppm ASTM D5185m <1 | Odor | scalar | *Visual | NORML | NORML | | |
| Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1 | Emulsified Water | scalar | *Visual | >0.1 | NEG | | |
| Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1 | Sodium | nom | ASTM D5185m | | <1 | | |
| Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m <1 | | | | | | | |
| Molybdenum ppm ASTM D5185m <1 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Magnesium ppm ASTM D5185m 53 | - | | | | | | |
| Calcium ppm ASTM D5185m 50 | U | | | | | | |
| Phosphorus ppm ASTM D5185m 335 | | | | | | | |
| Zinc ppm ASTM D5185m 383 | • | | | | | | |
| Sulfur ppm ASTM D5185m 1270 | | | ASTM D5185m | | | | |
| Visc @ 40°C cSt ASTM D445 51.6 | Visc @ 40°C | | ASTM D445 | | 51.6 | | |

Contact/Location: DUSTIN SMITH - OMAOMANE



Ferrous Alloys 10 mqq 0 pr3/24 DL. Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 53 52 51 Ab 50



Contact/Location: DUSTIN SMITH - OMAOMANE Page 2 of 2