

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

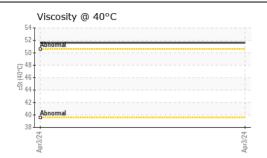
There is no indication of any contamination in the oil.

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