

# **OIL ANALYSIS REPORT**

Sample Rating Trend





Area KANSAS/44 Machine Id 53.164L [KANSAS^44] Left Final Drive

# Fluid MOBIL MOBILTRANS HD 50 (26 GAL)

SAMPLE INFORMATION method

### DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

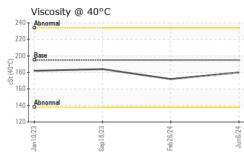
#### Fluid Condition

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

Sample Date         Client Info         06 Jun 2024         26 Feb 2024         18 Sep 2023           Machine Age         hrs         Client Info         2414         1921         1454           Oil Age         hrs         Client Info         493         0         308           Oil Changed         Client Info         NORMAL         NORMAL         NORMAL         NORMAL           Sample Status         method         limit/base         current         history1         history2           Water         WC Method         >0.2         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Kron         ppm         ASTM 05155m         >10         2         2         6           Nickel         ppm         ASTM 05155m         >10         0         0         0           Silver         ppm         ASTM 05155m         >2         0         0         0         1           Copper         ppm         ASTM 05155m         >2         0         0         0           Aluminum         ppm         ASTM 05155m         0         0         0         1	SAMPLE INFORM		method	iimit/base	current	nistory i	nistory2
Machine Age Oil Age Oil Age (I Changed Sample StatusClient Info493 493 019211454 308 308 0Oil Changed Sample StatusClient Info493 All NORMAL NORMA	Sample Number		Client Info		WC0918233	WC0862620	WC0832375
Oil Age     hrs     Client Info     493     0     308       Oil Changed     Client Info     Not Changed     NA       Sample Status     Image     NorMAL     NORMAL     NORMAL       CONTAMINATION     method     Imilibase     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       WEAR METALS     method     Imilibase     current     history1     history2       Iron     ppm     ASTM 05185m     >50     <1     <1     1       Chornium     ppm     ASTM 05185m     >55     <1     <1     1       Silver     ppm     ASTM 05185m     >2     0     0     0       Aluminum     ppm     ASTM 05185m     >10     0     0     1       Copper     ppm     ASTM 05185m     >10     0     0     1       Cadmium     ppm     ASTM 05185m     >10     0     0     1       Cadmium     ppm     ASTM 05185m     0     0     2     0       Molybdenum     ppm     ASTM 05185m     94     237     111       Barium     ppm     ASTM 05185m     0     2     0       Molybdenum	Sample Date		Client Info		06 Jun 2024	26 Feb 2024	18 Sep 2023
Oil ChangedClient InfoNot Changed NORMALN/ASample StatusImathodImathodNORMALNORMALCONTAMINATIONmethodImitibasecurrenthistory1history2WaterWC Method>0.2.NEGNEGNEGWEAR METALSmethodImitibasecurrenthistory1history2ItronppmASTM 05185>800147157401ChromiumppmASTM 05185>5<1<11TitaniumppmASTM 05185>5<1<11SilverppmASTM 05185>75438LeadppmASTM 05185>7515123AduminumppmASTM 05185>7515123TinppmASTM 05185>7515123AdadiumppmASTM 0518594237111CadmiumppmASTM 0518594237111BariumppmASTM 0518513020MolybdenumppmASTM 05185133017371131MarganeseppmASTM 05185133017371131PhosphorusppmASTM 05185>203410ContamineppmASTM 05185>203410MolybdenumppmASTM 05185203410ContamineppmASTM 051851330 <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>2414</th> <th>1921</th> <th>1454</th>	Machine Age	hrs	Client Info		2414	1921	1454
Oil ChangedClient InfoNot Changed NORMALN/ASample StatusImathodImathodNORMALNORMALCONTAMINATIONmethodImitibasecurrenthistory1history2WaterWC Method>0.2.NEGNEGNEGWEAR METALSmethodImitibasecurrenthistory1history2ItronppmASTM 05185>800147157401ChromiumppmASTM 05185>5<1<11TitaniumppmASTM 05185>5<1<11SilverppmASTM 05185>75438LeadppmASTM 05185>7515123AduminumppmASTM 05185>7515123TinppmASTM 05185>7515123AdadiumppmASTM 0518594237111CadmiumppmASTM 0518594237111BariumppmASTM 0518513020MolybdenumppmASTM 05185133017371131MarganeseppmASTM 05185133017371131PhosphorusppmASTM 05185>203410ContamineppmASTM 05185>203410MolybdenumppmASTM 05185203410ContamineppmASTM 051851330 <th>Oil Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>493</th> <th>0</th> <th>308</th>	Oil Age	hrs	Client Info		493	0	308
Sample Status         NORMAL         NORMAL         NORMAL         NORMAL           CONTAMINATION         method         imilibase         current         history1         history2           Water         WC Method         >0.2         NEG         NEG         NEG           Wear METALS         method         imilibase         current         history1         history2           Iron         ppm         ASTM D5185m         >56         <1         1         1           Chromium         ppm         ASTM D5185m         >10         2         2         6           Nickel         ppm         ASTM D5185m         >5         <1         1         1           Silver         ppm         ASTM D5185m         >5         <1         0         <1           Copper         ppm         ASTM D5185m         >5         15         12         35           Tin         ppm         ASTM D5185m         >8         <1         <1         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITVES         method         imit/base         current         history1         history2 <t< th=""><th>-</th><th></th><th>Client Info</th><th></th><th>Not Changd</th><th>Changed</th><th>N/A</th></t<>	-		Client Info		Not Changd	Changed	N/A
CONTAMINATIONmethodlimit/basecurrenthistory1history2WaterWC Method>0.2NEGNEGNEGWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM05185m>800147157401ChromiumppmASTM05185m>55<1<11TitaniumppmASTM05185m>55<1<10<1SilverppmASTM05185m>75438LeadppmASTM05185m>75151235TinppmASTM05185m>75151235TinppmASTM05185m>75151235TinppmASTM05185m>8<1<10VanadiumppmASTM05185m000<1CadmiumppmASTM05185m00<1111BariumppmASTM05185m00<1111BariumppmASTM05185m1441010CadinumppmASTM05185m133017371131BariumppmASTM05185m133017371138BariumppmASTM05185m133017371131CodeppmASTM05185m133017371131ZincppmASTM05185m133017371131ZincppmASTM05185m26466 <th>-</th> <th></th> <th></th> <th></th> <th>NORMAL</th> <th>NORMAL</th> <th>NORMAL</th>	-				NORMAL	NORMAL	NORMAL
Water         WC Method         >0.2         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >800         147         157         401           Chromium         ppm         ASTM D5185m         >55         <1         <1         1           Titanium         ppm         ASTM D5185m         >55         <1         0         0           Silver         ppm         ASTM D5185m         >75         4         3         8           Lead         ppm         ASTM D5185m         >75         15         12         35           Tin         ppm         ASTM D5185m         >10         0         0         <1           Cadmium         ppm         ASTM D5185m         8         <1         <1         0           Astm D5185m         94         237         111         15         12         3           Baron         ppm         ASTM D5185m         0         0         <1         1           Molybdenum         ppm         ASTM D5185m         1330         1737         1131		NI.	mathad	limit/booo	ourropt	biotonut	biotory?
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Iron         ppm         ASTM D5185m         >800         147         157         401           Chromium         ppm         ASTM D5185m         >10         2         2         6           Nickel         ppm         ASTM D5185m         >55         <1         <11         1           Titanium         ppm         ASTM D5185m         >55         <1         <1         0         <1           Silver         ppm         ASTM D5185m         >57         4         3         8           Lead         ppm         ASTM D5185m         >10         0         0         1           Copper         ppm         ASTM D5185m         >8         <1         <1         0         <1           Qanadium         ppm         ASTM D5185m         S8         <1         <1         0         <1         1           Qanadium         ppm         ASTM D5185m         S8         <1         <1         0         <1         1           Qanadium         ppm         ASTM D5185m         0         0         <1         1         1         1         1         1         1         1         1         1         1         1         1 <th></th> <th></th> <th>WC Method</th> <th>&gt;0.2</th> <th>NEG</th> <th>NEG</th> <th>NEG</th>			WC Method	>0.2	NEG	NEG	NEG
Chromium         ppm         ASTM D5185m         >10         2         2         6           Nickel         ppm         ASTM D5185m         >5         <1         <1         1           Titanium         ppm         ASTM D5185m         >2         0         0         <1           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >75         4         3         8           Lead         ppm         ASTM D5185m         >10         0         0         1           Copper         ppm         ASTM D5185m         >6         <1         <1         0           Vanadium         ppm         ASTM D5185m         0         0         0         <1           Cadmium         ppm         ASTM D5185m         0         0         <1         111           Barium         ppm         ASTM D5185m         2         2         4         4           Magaese         ppm         ASTM D5185m         14         4         10         1313           Cadium         ppm         ASTM D5185m         1330         1737         1131	WEAR METALS		method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         >5         <1	Iron	ppm	ASTM D5185m	>800	147	157	401
Titanium         ppm         ASTM D5185m         >15         <1	Chromium	ppm	ASTM D5185m	>10	2	2	6
SilverppmASTM D5185m>2000AluminumppmASTM D5185m>75438LeadppmASTM D5185m>10001CopperppmASTM D5185m>10001CopperppmASTM D5185m>75151235TinppmASTM D5185m>8<1<10VanadiumppmASTM D5185m00<1CadmiumppmASTM D5185m000<1CadmiumppmASTM D5185m00<1BoronppmASTM D5185m00<1BariumppmASTM D5185m00<1MaganeseppmASTM D5185m14410CalciumppmASTM D5185m133017371131ZincppmASTM D5185m133017371131ZincppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEVISUALmethodlimit/basecurrenthistory1history2VisualNONENONE	Nickel	ppm	ASTM D5185m	>5	<1		1
Aluminum         ppm         ASTM D5185m         >75         4         3         8           Lead         ppm         ASTM D5185m         >10         0         0         1           Copper         ppm         ASTM D5185m         >75         15         12         35           Tin         ppm         ASTM D5185m         >8         <1         <1         0           Vanadium         ppm         ASTM D5185m         0         0         <1         Cadmium           ppm         ASTM D5185m         0         0         0         <1         Cadmium           Boron         ppm         ASTM D5185m         94         237         111         Baraum         ppm         ASTM D5185m         0         0         <1           Magnese         ppm         ASTM D5185m         0         0         <1         1         10         0         <11         1330         1737         1131         131 </th <th>Titanium</th> <th>ppm</th> <th></th> <th>&gt;15</th> <th></th> <th>0</th> <th>&lt;1</th>	Titanium	ppm		>15		0	<1
Lead         ppm         ASTM D5185m         >10         0         0         1           Copper         ppm         ASTM D5185m         >75         15         12         35           Tin         ppm         ASTM D5185m         >8         <1         <1         0           Vanadium         ppm         ASTM D5185m         8         <1         <1         0           Cadmium         ppm         ASTM D5185m         0         0         0         <1           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         <1         11           Barium         ppm         ASTM D5185m         13         0         <1         13           Calcium         ppm         ASTM D5185m         14         4         10         Calcium         ppm         ASTM D5185m         1330         1737         1131           Zinc         ppm         ASTM D5185m         1330         1737         1131         235         925	Silver	ppm					
Copper         ppm         ASTM D5185m         >75         15         12         35           Tin         ppm         ASTM D5185m         >8         <1         <1         0           Vanadium         ppm         ASTM D5185m         0         0         <1         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         94         237         111           Barium         ppm         ASTM D5185m         0         0         <1           Magnese         ppm         ASTM D5185m         2         4         4           Calcium         ppm         ASTM D5185m         144         4         10           Calcium         ppm         ASTM D5185m         1330         1737         1131           Zinc         ppm         ASTM D5185m         13163         19189         12163           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D518	Aluminum	ppm	ASTM D5185m	>75	4		
TinppmASTM D5185m>8<1	Lead	ppm	ASTM D5185m	>10	0	0	1
VanadiumppmASTM D5185m00<1	Copper	ppm	ASTM D5185m	>75	15	12	35
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m94237111BariumppmASTM D5185m020MolybdenumppmASTM D5185m00<1ManganeseppmASTM D5185m224MagnesiumppmASTM D5185m14410CalciumppmASTM D5185m133017371131ZincppmASTM D5185m131631983PhosphorusppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SuliconppmASTM D5185m203410PotassiumppmASTM D5185m203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAgpearancescalar*VisualNONENONENONENONENONEQdorscalar*VisualNONENONENONENONE<	Tin	ppm	ASTM D5185m	>8	<1	<1	0
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BariumppmASTM D5185m020MolybdenumppmASTM D5185m00<1ManganeseppmASTM D5185m224MagnesiumppmASTM D5185m14410CalciumppmASTM D5185m14410CalciumppmASTM D5185m26465131983PhosphorusppmASTM D5185m133017371131ZincppmASTM D5185m131631918912163SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m1310PotassiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESodiurscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESodiurscalar*VisualNONENONENONE<	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m00<1	Boron	ppm	ASTM D5185m		94	237	111
ManganeseppmASTM D5185m224MagnesiumppmASTM D5185m14410CalciumppmASTM D5185m26465131983PhosphorusppmASTM D5185m133017371131ZincppmASTM D5185m1143235925SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEAstronomescalar*VisualNONENONENONENONEAstronomescalar*VisualNONENONENONENONESecondscalar*VisualNORENONENONENONESecondscalar*VisualNORMLNORM	Barium	ppm	ASTM D5185m		0	2	0
MagnesiumppmASTM D5185m14410CalciumppmASTM D5185m26465131983PhosphorusppmASTM D5185m133017371131ZincppmASTM D5185m1143235925SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESolutiscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEG	Molybdenum	ppm	ASTM D5185m		0	0	<1
CalciumppmASTM D5185m26465131983PhosphorusppmASTM D5185m133017371131ZincppmASTM D5185m1143235925SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m>40018917SodiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESodiuftscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Manganese	ppm	ASTM D5185m		2	2	4
PhosphorusppmASTM D5185m133017371131ZincppmASTM D5185m1143235925SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m>40018917SodiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Magnesium	ppm	ASTM D5185m		14		10
ZincppmASTM D5185m1143235925SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m>40018917SodiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAstrictscalar*VisualNONENONENONENONEAstrictscalar*VisualNONENONENONENONEOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEG	Calcium	ppm	ASTM D5185m		2646	513	1983
SulfurppmASTM D5185m131631918912163CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m>40018917PotassiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Phosphorus	ppm	ASTM D5185m		1330	1737	1131
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m1310PotassiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Zinc	ppm	ASTM D5185m		1143	235	925
SiliconppmASTM D5185m>40018917SodiumppmASTM D5185m1310PotassiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Sulfur	ppm	ASTM D5185m		13163	19189	12163
SodiumppmASTM D5185m1310PotassiumppmASTM D5185m<>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	CONTAMINANTS		method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>203410VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	Silicon	ppm	ASTM D5185m	>400	18	9	17
VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	Sodium	ppm	ASTM D5185m		1	3	10
White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Potassium	ppm	ASTM D5185m	>20	3	4	10
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water     scalar     *Visual     >0.2     NEG     NEG       Free Water     scalar     *Visual     NEG     NEG     NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG NEG NEG	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG NEG NEG	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
05:09) Rev: 1 Submitted By: JAMES MOORI	Free Water	scalar	*Visual		NEG	NEG	NEG
	:05:09) Rev: 1					Submitted By:	JAMES MOORE



## **OIL ANALYSIS REPORT**



FLUID PROPERTIES	method	limit/base	current	history1	history
Visc @ 40°C cSt	ASTM D445	195	180	172	184
SAMPLE IMAGES	method	limit/base	current	history1	history
Color			no image	no image	no image
Bottom		L	no image	no image	no image
GRAPHS		L			
Ferrous Alloys		,-			
600 - iron chromium					
500					
400					
300					
200					
100-	<u> </u>				
0					
Jan 10/23 Sep 18/23	Feb26/24	Jun6/24			
	Feb	٦٢			
Non-ferrous Metals					
70 - copper lead					
60 - exercise tin					
50					
40					
30					
10-	\				
Jan 10/23 Sep 18/23	Feb26/24	Jun6/24			
Viscosity @ 40°C	ι	,			
240 Abnormal		, -			
230					
210-					
200 - Base 190 -					
5 190					
170					
150					
140 - Abnormal 130 -					
Jan 10/23 Sep 18/23	Feb26/24	Jun6/24			
Sep 1	Feb	٦٢			
: WearCheck USA - 501 Madisc : WC0918233 <b>Rece</b> : 06209037 <b>Teste</b>	ived :13	, NC 27513 3 Jun 2024 4 Jun 2024	SHERV	VOOD CONSTRU 3219	<b>JCTION CO</b> WEST MAY WICHITA,



 Certificate 12367
 Test Package
 : CONST
 Contact

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

 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

6:2012) F: x: Submitted By: JAMES MOORE Page 2 of 2

randy.roberts@sherwood.net

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