

# **OIL ANALYSIS REPORT**

Sample Rating Trend



CONSTRUCTORS, INC 1717 Component Right Final Drive

## Fluid MOBIL MOBILTRANS AST 30 (--- GAL)

#### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

Area

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

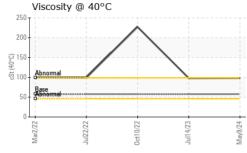
### Fluid Condition

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

Sample Date     Client Info     09 May 2024     14 Jul 2023     10 Oct 2022       Machine Age     hrs     Client Info     9370     8006     7957       Oil Age     hrs     Client Info     564     849     624       Oil Changed     Client Info     N/A     N/A     Changed       Sample Status     method     limit/base     current     History1     History2       Water     WC Method     >0.2     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     History1     History2       Iron     ppm     ASTM 05185m     >10     41     <1	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2			
Machine Age     hrs     Client Info     9370     8806     7957       Oil Age     hrs     Client Info     564     849     624       Oil Changed     Client Info     N/A     N/A     Changed       Sample Status     Info     N/A     N/A     Changed       CONTAMINATION     method     imit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       VEAR METALS     method     imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >10     <1     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     0     0       Silver     ppm     ASTM D5185m     >10     8     13     0     Copper       ppm     ASTM D5185m     >5     0     1     <1     1     1       Vanadium     ppm     ASTM D5185m     >10     8     13     0     2	Sample Number		Client Info		SBP0007043	SBP0004547	SBP0002080			
Oil Age hrs Client Info 564 849 624   Oil Changed Client Info N/A N/A N/A Changed   Sample Status Imit Not	Sample Date		Client Info		09 May 2024	14 Jul 2023	10 Oct 2022			
Oil Age hrs Client Info 564 849 624   Oil Changed Client Info N/A N/A N/A Changed   Sample Status Client Info NORMAL NORMAL NORMAL ATTENTION   CONTAMINATION method imit/base current history1 history2   Water WC Method >0.2 NEG NEG NEG   WEAR METALS method imit/base current history1 history2   Iron ppm ASTM D5185m >50 0 0 0   Titanium ppm ASTM D5185m >5 0 0 0   Silver ppm ASTM D5185m >75 0 2 <1   Lead ppm ASTM D5185m >75 0 1 <1   Tin ppm ASTM D5185m >75 0 1 <1   Cadmium ppm ASTM D5185m >8 <1 0 0   Vanadium ppm ASTM D5185m 0 0 0 0   Adminum ppm ASTM D5185m 1 0 2 <1   Kardinger 0 0 0 0	Machine Age	hrs	Client Info		9370	8806	7957			
Sample Status     NORMAL     NORMAL     NORMAL     ATTENTION       CONTAMINATION     method     imit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Wear METALS     method     imit/base     current     history1     history2       Iron     ppm     ASTM D585m     >60     43     50     44       Chromium     ppm     ASTM D585m     >5     0     0     0       Titanium     ppm     ASTM D585m     >5     0     0     0       Silver     ppm     ASTM D585m     >2     0     0     0       Copper     ppm     ASTM D585m     >2     0     0     0       Cadmium     ppm     ASTM D585m     0     1     <1     1       Cadmium     ppm     ASTM D585m     0     0     0     0       ADDITVES     method     imit/base     current     history1     history2       Man	Oil Age	hrs	Client Info		564	849	624			
Sample Status     NORMAL     NORMAL     NORMAL     ATTENTION       CONTAMINATION     method     imit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Wear METALS     method     imit/base     current     history1     history2       Iron     ppm     ASTM D585m     >60     43     50     44       Chromium     ppm     ASTM D585m     >5     0     0     0       Titanium     ppm     ASTM D585m     >5     0     0     0       Silver     ppm     ASTM D585m     >2     0     0     0       Copper     ppm     ASTM D585m     >2     0     0     0       Cadmium     ppm     ASTM D585m     0     1     <1     1       Cadmium     ppm     ASTM D585m     0     0     0     0       ADDITVES     method     imit/base     current     history1     history2       Man	Oil Changed		Client Info		N/A	N/A	Changed			
CONTAMINATION     method     limit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >800     43     50     44       Chromium     ppm     ASTM D5185m     >10     <1     <1     <1       Nickel     ppm     ASTM D5185m     >55     0     0     0       Aluminum     ppm     ASTM D5185m     >10     8     13     0       Copper     ppm     ASTM D5185m     >2     0     0     0       Copper     ppm     ASTM D5185m     >8     <1     0     0       Copper     ppm     ASTM D5185m     0     0     0     0       Addmium     ppm     ASTM D5185m     0     1     0     2       Copper     ppm     ASTM D5185m     1     0     2     2	-				NORMAL	NORMAL				
WaterWC Method>0.2NEGNEGNEGNEGWEAR METALSmethodimit/basecurrenthistory1history2IronppmASTM D5185m>800435044ChromiumppmASTM D5185m>10-1<1<1NickelppmASTM D5185m>55000TitaniumppmASTM D5185m>15<100SilverppmASTM D5185m>7502<1LeadppmASTM D5185m>7501<1<1CopperppmASTM D5185m>750000CadmiumppmASTM D5185m>750000AdminumppmASTM D5185m8<1000CadmiumppmASTM D5185m00000AdminumppmASTM D5185m102185BariumppmASTM D5185m1014MarganeseppmASTM D5185m10811022958ZincppmASTM D5185m10811022958ZincppmASTM D5185m1210122437SulfurppmASTM D5185m28822991646PhosphorusppmASTM D5185m10811022958ZincppmASTM D5185m286200Sulfur<		J	method	limit/base	current	historv1	history2			
Iron     ppm     ASTM D5185m     >800     43     50     44       Chromium     ppm     ASTM D5185m     >10     <1     <1     <1       Nickel     ppm     ASTM D5185m     >5     0     0     0       Silver     ppm     ASTM D5185m     >5     0     0     0       Aluminum     ppm     ASTM D5185m     >75     0     2     <1       Lead     ppm     ASTM D5185m     >75     0     1     <1     1       Vanadium     ppm     ASTM D5185m     >8     <1     0     0     0       Vanadium     ppm     ASTM D5185m     S     0     0     0     0       Vanadium     ppm     ASTM D5185m     0     1     4     1     0     2       Vanadium     ppm     ASTM D5185m     0     1     4     1     1     1     1     1     1     1     1     1     1     1     1     1 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>										
Iron     ppm     ASTM D5185m     >800     43     50     44       Chromium     ppm     ASTM D5185m     >10     <1     <1     <1       Nickel     ppm     ASTM D5185m     >5     0     0     0       Silver     ppm     ASTM D5185m     >5     0     0     0       Aluminum     ppm     ASTM D5185m     >75     0     2     <1       Lead     ppm     ASTM D5185m     >75     0     1     <1     1       Vanadium     ppm     ASTM D5185m     >8     <1     0     0     0       Vanadium     ppm     ASTM D5185m     S     0     0     0     0       Vanadium     ppm     ASTM D5185m     0     1     4     1     0     2       Vanadium     ppm     ASTM D5185m     0     1     4     1     1     1     1     1     1     1     1     1     1     1     1     1 <td< th=""><th>WEAR METALS</th><th></th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></td<>	WEAR METALS		method	limit/base	current	history1	history2			
Chromium     ppm     ASTM D5185m     >10     <1		maa			43					
Nickel     ppm     ASTM D5185m     >5     0     0     0       Titanium     ppm     ASTM D5185m     >15     <1     0     0       Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >75     0     2     <1       Lead     ppm     ASTM D5185m     >75     0     1     <1     <1       Tin     ppm     ASTM D5185m     >75     0     1     <1     <1       Tin     ppm     ASTM D5185m     >75     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     1     0     2     1     4       Magnesium     ppm     ASTM D5185m     181     020     2     2       Calcium     ppm     ASTM D5185m <th></th> <th></th> <th></th> <th>&gt;10</th> <th>&lt;1</th> <th>&lt;1</th> <th>&lt;1</th>				>10	<1	<1	<1			
Titanium     ppm     ASTM D5185m     >15     <1										
Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >75     0     2     <1       Lead     ppm     ASTM D5185m     >10     8     13     0       Copper     ppm     ASTM D5185m     >75     0     1     <1       Tin     ppm     ASTM D5185m     >8     <1     0     0       Vanadium     ppm     ASTM D5185m     8     <1     0     0       Cadmium     ppm     ASTM D5185m     8     <1     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     1     0     2     2       Magnesium     ppm     ASTM D5185m     1     1     1     4       Magnesium     ppm     ASTM D5185m     1     102     2     2       Calcium     ppm     ASTM D5185m     1081     1022     958     <										
Aluminum     ppm     ASTM D5185m     >75     0     2     <1										
Lead     ppm     ASTM D5185m     >10     8     13     0       Copper     ppm     ASTM D5185m     >75     0     1     <1       Tin     ppm     ASTM D5185m     >8     <1     0     0       Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     43     36     185       Barium     ppm     ASTM D5185m     1     0     2       Molybdenum     ppm     ASTM D5185m     11     4     1       Maganese     ppm     ASTM D5185m     1081     1022     958       Zinc     ppm     ASTM D5185m     1081     1022     958       Zinc     ppm     ASTM D5185m     2802     2991     644       Phosphorus     ppm     ASTM D5185m							-			
Copper     ppm     ASTM D5185m     >75     0     1     <1						_				
Tin     ppm     ASTM D5185m     >8     <1										
VanadiumppmASTM D5185m0000CadmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m4336185BariumppmASTM D5185m102MolybdenumppmASTM D5185m014MarganeseppmASTM D5185m19202CalciumppmASTM D5185m199202CalciumppmASTM D5185m10811022958ZincppmASTM D5185m10811022958ZincppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONENONESand/Diritscalar*VisualNORML <th>••</th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>	••				-					
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m4336185BariumppmASTM D5185m102MolybdenumppmASTM D5185m014MagneseppmASTM D5185m<1<1<1MagnesiumppmASTM D5185m19202CalciumppmASTM D5185m10811022958ZincppmASTM D5185m10811022958ZincppmASTM D5185m11210122437SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAstrin D5185mscalar*VisualNONENONENONENONESolum <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>										
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m4336185BariumppmASTM D5185m102MolybdenumppmASTM D5185m014ManganeseppmASTM D5185m1202CalciumppmASTM D5185m19202CalciumppmASTM D5185m10811022958ZincppmASTM D5185m10811022958ZincppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m22000PotassiumppmASTM D5185m22000PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAstriat*VisualNONENONENONENONENONEAstriat*VisualNONENONENONENONENONEPrecipitates										
BoronppmASTM D5185m4336185BariumppmASTM D5185m102MolybdenumppmASTM D5185m014ManganeseppmASTM D5185m19202CalciumppmASTM D5185m198299164PhosphorusppmASTM D5185m10811022958ZincppmASTM D5185m10811022958ZincppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m20675SodiumppmASTM D5185m20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEAstmuticalscalar*VisualNONENONENONENONENONEAstmuticalscalar*VisualNONENONENONENONENONESold/Dirtscalar*VisualNO	ADDITIVES		method	limit/base	current	history1	history2			
BariumppmASTM D5185m102MolybdenumppmASTM D5185m014ManganeseppmASTM D5185m<1<1<1MagnesiumppmASTM D5185m19202CalciumppmASTM D5185m19202CalciumppmASTM D5185m10811022958ZincppmASTM D5185m1210122437SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m2000PotassiumppmASTM D5185m2000PotassiumppmASTM D5185m20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLAppearance </th <th></th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>43</th> <th></th> <th></th>		ppm	ASTM D5185m		43					
MolybdenumppmASTM D5185m014ManganeseppmASTM D5185m<1<1<1<1MagnesiumppmASTM D5185m19202CalciumppmASTM D5185m2882299164PhosphorusppmASTM D5185m10811022958ZincppmASTM D5185m10811022958ZincppmASTM D5185m16164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLContractscalar*VisualNONENONENONENONESittscalar*VisualNONENONE <td< th=""><th>Barium</th><th></th><th>ASTM D5185m</th><th></th><th>1</th><th>0</th><th></th></td<>	Barium		ASTM D5185m		1	0				
ManganeseppmASTM D5185m<1										
MagnesiumppmASTM D5185m19202CalciumppmASTM D5185m2882299164PhosphorusppmASTM D5185m10811022958ZincppmASTM D5185m1210122437SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLConceptified Waterscalar*Visual>0.2NEGNEG	-				-		<1			
CalciumppmASTM D5185m2882299164PhosphorusppmASTM D5185m10811022958ZincppmASTM D5185m1210122437SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEG	5									
PhosphorusppmASTM D5185m10811022958ZincppmASTM D5185m1210122437SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m>20000PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	•									
ZincppmASTM D5185m1210122437SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m200PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEG										
SulfurppmASTM D5185m6164552720479CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m200PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG										
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>400675SodiumppmASTM D5185m200PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	-				-					
SiliconppmASTM D5185m>400675SodiumppmASTM D5185m200PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEG				limit/base						
SodiumppmASTM D5185m200PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG										
PotassiumppmASTM D5185m>20028VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG				2 100						
White Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG				>20	0					
White Metalscalar*VisualNONENONENONELIGHTYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	VISUAL		method	limit/base	current	history1	history2			
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG		scalar		NONE						
Precipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG			*Visual			NONE				
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG										
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	Silt									
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG										
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG										
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG										
Emulsified Water scalar *Visual >0.2 NEG NEG   Free Water scalar *Visual NEG NEG										
Free Water scalar *Visual NEG NEG NEG										
				20.L						
:39:00) Rev: 1 Submitted By: Loren Michael	5:39:00) Rev: 1	500101	Violal			Submitted By: Loren Michael				



# **OIL ANALYSIS REPORT**



	FLUID PROPER	TIES me	ethod lin	nit/base cu	urrent	history1	history2
	Visc @ 40°C	cSt AST	M D445 57.0	6 <b>98.3</b>	3	97.8	227
	SAMPLE IMAGE	S me	ethod lin	nit/base cu	urrent	history1	history2
	Color			no ii	mage	no image	no image
May9/24	Bottom			no ii	mage	no image	no image
	GRAPHS				1		
Laboratory Sample No.	Ferrous Alloys	ls Oct1022	42/4 line				
Sample No.	WearCheck USA - 50 SBP0007043 06177945 11029271	1 Madison Ave Received Tested	: 13 May : 14 May	/ 2024	ic	Constructor	s Inc 603659 1815 Y Street Lincoln, NE



Unique Number : 11029271 : 14 May 2024 - Wes Davis Diagnosed Test Package : FLEET Contact: Loren Michael Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. LorenM@constructorslincoln.com \* - 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)

Report Id: CONLINNE [WUSCAR] 06177945 (Generated: 05/14/2024 15:39:00) Rev: 1

Submitted By: Loren Michael Page 2 of 2

US 68508

F:

T: (402)434-2157