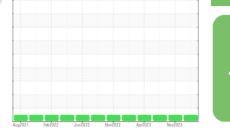


OIL ANALYSIS REPORT

Sample Rating Trend





NORMAL

CATERPILLAR 12G 8318 (S/N 61M12623) Component Left Swing Drive Fluid

SAMPLE INFORMATION method

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Machine Id

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

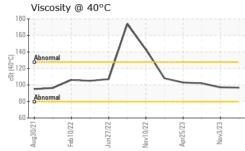
Fluid Condition

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

Sample Date Client Info 06 May 2024 0.3 Nov 2023 17 Jul 2023 Machine Age hrs Client Info 13395 12357 11311 Oil Age hrs Client Info 1038 1040 964 Oil Changed Client Info Changed Changed Changed 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 Kromium ppm ASTM 05155m >10 0 0 0 Nickel ppm ASTM 05155m >50 0 0 0 Silver ppm ASTM 05155m >50 0 0 0 Copper ppm ASTM 05155m 0 0 0 0 Adminum ppm ASTM 05155m 0 0 0 0	SAMPLE INFORM		method	limit/base	current	nistory i	nistory2
Machine Age hrs Client Info 13395 12357 11311 Dil Age hrs Client Info 1038 1040 964 Oli Changed Client Info 1038 1040 964 Sample Status Client Info 1038 1040 964 CONTAMINATION method Imitibase current history1 history2 Water WC Method >0.2 NEG NEG NEG WEAR METALS method imitibase current history1 history2 Nickel ppm ASTM D5185n >10 0 0 0 Nickel ppm ASTM D5185n >50 0 0 0 Copper ppm ASTM D5185n >50 0 0 0 0 Vanadium ppm ASTM D5185n >10 0 0 1 Vanadium ppm ASTM D5185n 0 0 0 1 Vanadium p	Sample Number		Client Info		WC0913066	WC0862977	WC0816320
Dil Age hrs Client Info 1038 1040 964 Dil Changed Client Info Changed	Sample Date		Client Info		06 May 2024	03 Nov 2023	17 Jul 2023
Ol Changed Client Info Changed Changed Changed Changed Sample Status Imit base current NORMAL NORMAL NORMAL CONTAMINATION method Imit base current Nistory1 Nistory2 Water WC Method >0.2 NEG NEG NEG WEAR METALS method Imit base current Nistory1 Nistory2 Iron ppm ASTM 05165m >10 0 0 0 Chromium ppm ASTM 05165m >10 0 0 0 Nickel ppm ASTM 05165m >25 0 <1 <1 Lead ppm ASTM 05165m >200 0 0 0 Vanadium ppm ASTM 05165m >200 0 0 0 Vanadium ppm ASTM 05165m 10 0 0 0 Vanadium ppm ASTM 05165m 166 182 186 Barium ppm ASTM 05165m 0 0 <1 Manganese ppm ASTM 05165m 166 182 186 Barium ppm ASTM 05165m 60 1	Machine Age	hrs	Client Info			12357	11311
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL 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 >10 0 0 0 Chromium ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m >250 0 <1	Oil Age	hrs	Client Info		1038	1040	964
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 >400 18 10 9 Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >10 0 0 0 River ppm ASTM D5185m >50 0 0 0 Rominum ppm ASTM D5185m >50 0 0 0 Copper ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 1<	Oil Changed		Client Info		Changed	Changed	Changed
WaterWC Method>0.2NEGNEGNEGWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D5185m>40018109ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000NickelppmASTM D5185m>10000SilverppmASTM D5185m>250<1<1LeadppmASTM D5185m>50000CopperppmASTM D5185m>50000CadmiumppmASTM D5185m>50000VanadiumppmASTM D5185m>10000AdmiumppmASTM D5185m0000AdmiumppmASTM D5185m0000AdmiumppmASTM D5185m0001BariumppmASTM D5185m00<11MolybdenumppmASTM D5185m00<12CalciumppmASTM D5185m3443463802036ZincppmASTM D5185m212418632036ZincppmASTM D5185m50122SoliumppmASTM D5185m50122SoliumppmASTM D5185m212418	Sample Status				NORMAL	NORMAL	NORMAL
WaterWC Method>0.2NEGNEGNEGWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D5185m>40018109ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000NickelppmASTM D5185m>10000SilverppmASTM D5185m>250<1<1LeadppmASTM D5185m>50000CopperppmASTM D5185m>50000CadmiumppmASTM D5185m>50000VanadiumppmASTM D5185m>10000AdmiumppmASTM D5185m0000AdmiumppmASTM D5185m0000AdmiumppmASTM D5185m0001BariumppmASTM D5185m00<11MolybdenumppmASTM D5185m00<12CalciumppmASTM D5185m3443463802036ZincppmASTM D5185m212418632036ZincppmASTM D5185m50122SoliumppmASTM D5185m50122SoliumppmASTM D5185m212418	CONTAMINATION	٧	method	limit/base	current	historv1	historv2
Iron ppm ASTM D5185m >400 18 10 9 Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m >10 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Aluminum ppm ASTM D5185m >25 0 <1 <1 1 Lead ppm ASTM D5185m >200 0 2 <1 1 Vanadium ppm ASTM D5185m >10 0 0 <1 1 Vanadium ppm ASTM D5185m 0 0 0 <1 1 Cadmium ppm ASTM D5185m 0 0 <1 1	Water						
Dromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m -10 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m >25 0 <1 <1 Lead ppm ASTM D5185m >50 0 0 0 0 Copper ppm ASTM D5185m >20 0 2 <1 1 Cadmium ppm ASTM D5185m 10 0 0 0 0 ADDITIVES method imit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Magaaese ppm ASTM D5185m 0 -1 2 2 Calcium ppm ASTM D5185m 0 <1 2 2 Sulfur ppm ASTM D5185m 344	WEAR METALS		method	limit/base	current	history1	history2
NickelppmASTM D5185m>100000TitaniumppmASTM D5185m00<	Iron	ppm	ASTM D5185m	>400	18	10	9
Titanium ppm ASTM D5185m <1	Chromium	ppm	ASTM D5185m	>10	0	0	0
Silver ppm ASTM D5185m 0 0 0 0 Aluminum ppm ASTM D5185m >25 0 <1 <1 Lead ppm ASTM D5185m >50 0 0 0 Copper ppm ASTM D5185m >200 0 2 <1 Tin ppm ASTM D5185m >10 0 0 0 Vanadium 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 0 <1 Maganesium ppm ASTM D5185m 0 0 <1 2 Calcium ppm ASTM D5185m 344 346 380 2 Zinc ppm ASTM D5185m 2124 1863 2036 <th>Nickel</th> <td>ppm</td> <td>ASTM D5185m</td> <td>>10</td> <th>0</th> <td>0</td> <td>0</td>	Nickel	ppm	ASTM D5185m	>10	0	0	0
Aluminum ppm ASTM D5185m >25 0 <1	Titanium	ppm	ASTM D5185m		<1	0	<1
Lead ppm ASTM D5185m >50 0 0 0 Copper ppm ASTM D5185m >200 0 2 <1 Tin ppm ASTM D5185m >10 0 0 0 Vanadium 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 0 <1 Magnaese ppm ASTM D5185m 0 0 <1 2 Calcium ppm ASTM D5185m 0 <1 2 2 Calcium ppm ASTM D5185m 344 346 380 2 Zinc ppm ASTM D5185m 2124 1863 2036 CONTAMINANTS method limit/base current history1 history2	Silver	ppm	ASTM D5185m		0	0	0
Copper ppm ASTM D5185m >200 0 2 <1	Aluminum	ppm	ASTM D5185m	>25	0	<1	<1
Tin ppm ASTM D5185m >10 0 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 166 182 186 Barium ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 0 <1 2 Calcium ppm ASTM D5185m 0 <1 2 Calcium ppm ASTM D5185m 344 346 380 Zinc ppm ASTM D5185m 2124 1863 2036 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 0 1 2 Sodium ppm ASTM D5185m	Lead	ppm	ASTM D5185m	>50	0	0	0
VanadiumppmASTM D5185m00<1	Copper	ppm	ASTM D5185m	>200	0	2	<1
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m166182186BariumppmASTM D5185m000MolybdenumppmASTM D5185m00<1ManganeseppmASTM D5185m<10<1MagnesiumppmASTM D5185m<10<1CalciumppmASTM D5185m344346380ZincppmASTM D5185m2773253SulfurppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SoliconppmASTM D5185m>50122SodiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESoldu/mitscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar <t< th=""><th>Tin</th><td>ppm</td><td>ASTM D5185m</td><td>>10</td><th>0</th><td>0</td><td>0</td></t<>	Tin	ppm	ASTM D5185m	>10	0	0	0
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m166182186BariumppmASTM D5185m000MolybdenumppmASTM D5185m00<1ManganeseppmASTM D5185m0<12CalciumppmASTM D5185m0<12CalciumppmASTM D5185m8392208PhosphorusppmASTM D5185m344346380ZincppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50122SodiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESand/Diritscalar*VisualNONENONENONENONENONEOdorscalar*VisualNONENONENONENONENONEOdorscalar*VisualNONENONENONENONENONEGoldorscalar*VisualNONENONE <td< th=""><th>Vanadium</th><td>ppm</td><td>ASTM D5185m</td><td></td><th>0</th><td>0</td><td><1</td></td<>	Vanadium	ppm	ASTM D5185m		0	0	<1
BoronppmASTM D5185m166182186BariumppmASTM D5185m000MolybdenumppmASTM D5185m00<1ManganeseppmASTM D5185m0<10<1MagnesiumppmASTM D5185m0<12208CalciumppmASTM D5185m8392208PhosphorusppmASTM D5185m344346380ZincppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m<122SodiumppmASTM D5185m<122PotassiumppmASTM D5185m<20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAstalscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONE <th>Cadmium</th> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>0</th> <td>0</td> <td>0</td>	Cadmium	ppm	ASTM D5185m		0	0	0
BariumppmASTM D5185m0000MolybdenumppmASTM D5185m00<1<1ManganeseppmASTM D5185m0<12CalciumppmASTM D5185m0<12CalciumppmASTM D5185m8392208PhosphorusppmASTM D5185m344346380ZincppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SoliconppmASTM D5185m>50122SodiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONEOdorscalar*VisualNORMLNORMLNORMLNORMLAstriationalscalar*VisualNORMLNORMLNORML	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m00<1	Boron	ppm	ASTM D5185m		166	182	186
ManganeseppmASTM D5185m<1	Barium	ppm	ASTM D5185m		0	0	0
MagnesiumppmASTM D5185m0<1	Molybdenum	ppm	ASTM D5185m		0	0	<1
CalciumppmASTM D5185m8392208PhosphorusppmASTM D5185m344346380ZincppmASTM D5185m273253SulfurppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50122SodiumppmASTM D5185m>50122SodiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESolduriscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESolduriscalar*VisualNONENONENONENONEAstriationscalar*VisualNONENONENONENONESolduriscalar*VisualNONENONENONENONECodorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNO	Manganese	ppm	ASTM D5185m		<1	0	<1
PhosphorusppmASTM D5185m344346380ZincppmASTM D5185m273253SulfurppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50122SodiumppmASTM D5185m>50122SodiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Magnesium	ppm	ASTM D5185m		0	<1	2
ZincppmASTM D5185m273253SulfurppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50122SodiumppmASTM D5185m>50122PotassiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAstracescalar*VisualNONENONENONENONEAstracescalar*VisualNORMLNORMLNORMLNORMLAstracescalar*VisualNORMLNORMLNORMLNORMLAstracescalar*VisualNORMLNORMLNORMLNORMLAstracescalar*VisualNORMLNORMLNORMLNORMLAstracescalar*VisualNORMLNORMLNORMLNORMLAstracescalar*VisualNORMLNORMLNORMLNORML <td< th=""><th>Calcium</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>83</th><th>92</th><th>208</th></td<>	Calcium	ppm	ASTM D5185m		83	92	208
SulfurppmASTM D5185m212418632036CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50122SodiumppmASTM D5185m>50122PotassiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Phosphorus	ppm	ASTM D5185m		344	346	380
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>50122SodiumppmASTM D5185m>50112PotassiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Zinc	ppm	ASTM D5185m		27	32	53
SiliconppmASTM D5185m>50122SodiumppmASTM D5185m<1122PotassiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Sulfur	ppm	ASTM D5185m		2124	1863	2036
SodiumppmASTM D5185m<1			method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>20010VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	Silicon	ppm		>50	-		2
VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGNEG	Sodium	ppm	ASTM D5185m		<1	1	2
White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Potassium	ppm	ASTM D5185m	>20	0	1	0
Yellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualImage: StalarNEGNEGNEG	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*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualImage: StalarNEGNEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNONEGNEG	Precipitate	scalar	*Visual		NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualNEGNEGNEG	Silt	scalar		NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGFree Waterscalar*VisualImage: ScalarNEGNEG	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
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
21:45) Rev: 1 Contact/Location: MIKE WYATT - TRANEV	Free Water	scalar	*Visual				
	21:45) Rev: 1				Contact/Loc	ation: MIKE WY	ATT - TRANEV



OIL ANALYSIS REPORT



	FLUID PROPERTIES	method	limit/base	current	history1	y1 history2	
	Visc @ 40°C cS	t ASTM D445		96.7	97.2	102	
	SAMPLE IMAGES	method	limit/base	current	history1	history2	
	Color			no image	no image	no image	
Nov3/23	Bottom			no image	no image	no image	
	GRAPHS Ferrous Alloys	Nav10/22 A Nov10/22 A					
Laboratory Sample No. Lab Number Unique Number Test Package	: 06180494 1 : 11031820 [Received : 15 Tested : 16	y, NC 27513 5 May 2024 6 May 2024 6 May 2024 - W		Ν	RUCTION CO. DRAWER 1578 EW BERN, NC US 28563 MIKE WYATT	



 Certificate 12367
 Test Package
 : CONST

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

 * - 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)

PO DRAWER 1578 NEW BERN, NC US 28563 Contact: MIKE WYATT mwyatt@traderconstruction.com T: (252)633-1399 M 106:2012) F: (252)638-4871

Report Id: TRANEW [WUSCAR] 06180494 (Generated: 05/16/2024 17:21:45) Rev: 1

Contact/Location: MIKE WYATT - TRANEW

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