

## **OIL ANALYSIS REPORT**





Mar2020 Anr2021 Sep2021 Feb2022 Aun2022 Nov2022 Anr2023 Jul2023 Dec2

Sample Date         Client Info         27 Dec 2023         27 Jul 2023         13 Apr 202           Machine Age         mis         Client Info         24454         24454         24454           Oil Age         mis         Client Info         24454         24454         24454           Oil Changed         Client Info         NA         NA         ABNORMAL         ABNORMAL         ABNORMAL         ABNORMAL           Sample Status         Imethod         Imit/base         current         history1         history1         history1           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM 05185m         >5         0         <1         0           Titanium         ppm         ASTM 05185m         >5         0         0         0         0           Silver         ppm         ASTM 05185m         >50         27         27         22         23           Lead         ppm         ASTM 05185m         >50         0         0         0         0         0         0         0	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age         mis         Client Info         24454         24454         24454           Oil Age         mis         Client Info         24454         24454         24454           Oil Changed         Client Info         N/A         N/A         N/A         N/A           Sample Status         Client Info         MBORMAL         ABNORMAL         ABNORMAL         ABNORMAL           CONTAMINATION         method         limit/base         current         history1         history1           Water         WC Method         >0.1         NEG         NEG         NEG           Water         WC Method         >0.1         NEG         0         0           Itanium         ppm         ASTM 05185m         >5         0         <1	Sample Number		Client Info		PCA0111623	PCA0101870	PCA009521
Oil Age     mis     Client Info     24454     24454     24454       Oil Changed     Client Info     NA     NA     NA     NA       Sample Status     Image     Client Info     NA     ABNORMAL     ABNORMAL     ABNORMAL       CONTAMINATION     method     limit/base     current     history1     history1       Water     WC Method     >0.1     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history1       Iron     ppm     ASTM 05185m     >5     0     <1	Sample Date		Client Info		27 Dec 2023	27 Jul 2023	13 Apr 2023
Oil Changed     Client Info     N/A     N/A     N/A       Sample Status     Image: Status     Image: Status     ABNORMAL     ABNORMAL     ABNORMAL     ABNORMAL       CONTAMINATION     method     limit/base     current     history     history       Water     WC Method     >0.1     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history     history       Iron     ppm     ASTM D5185m     >5     0     <1	Machine Age	mls	Client Info		24454	24454	24454
Sample Status         Imathod         Imathod         Imathod         Imathod         ABNORMAL         ABNORMAL	Oil Age	mls	Client Info		24454	24454	24454
Sample Status         Method         Imit/base         Current         ABNORMAL         ABNORMAL         ABNORMAL           CONTAMINATION         method         limit/base         current         history1         history1           Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM D5185m         >5         0         <1	Oil Changed		Client Info		N/A	N/A	N/A
Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM D5185m         >160         76         68         61           Chromium         ppm         ASTM D5185m         >5         0         <1	Sample Status				ABNORMAL	ABNORMAL	ABNORMA
Water         WC Method         >0.1         NEG         NEG         NEG           WEAR METALS         method         limit/base         current         history1         history1           Iron         ppm         ASTM D5185m         >160         76         68         61           Chromium         ppm         ASTM D5185m         >5         0         <1	CONTAMINAT	ION	method	limit/base	current	history1	history2
IronppmASTM D5185m>160766861ChromiumppmASTM D5185m>50<1	Water		WC Method	>0.1	NEG		
Dromium         ppm         ASTM D5185m         >5         0         <1         0           Nickel         ppm         ASTM D5185m         >5         0         <1	WEAR METAL	S	method	limit/base	current	history1	history2
Chromium         ppm         ASTM D5185m         >5         0         <1         0           Nickel         ppm         ASTM D5185m         >5         0         <1	Iron	ppm	ASTM D5185m	>160	76	68	61
Nickel         ppm         ASTM D5185m         >5         0         <1         0           Titanium         ppm         ASTM D5185m         >5         0         0         0           Silver         ppm         ASTM D5185m         >50         27         27         22           Lead         ppm         ASTM D5185m         >50         99         95         63           Copper         ppm         ASTM D5185m         >225         30         28         16           Tin         ppm         ASTM D5185m         >225         30         28         16           Tin         ppm         ASTM D5185m         >10         3         3         2           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         116         156         148           Barium         ppm         ASTM D5185m         28         28         29           Calcium         ppm         ASTM D5185m         219         222         233           Phosphorus         ppm         ASTM D5185m         2310         2018         100           Sulfur	Chromium		ASTM D5185m	>5	0	<1	0
Titanium         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         >5         0         0         0           Aluminum         ppm         ASTM D5185m         >50         27         27         22           Lead         ppm         ASTM D5185m         >50         99         95         63           Copper         ppm         ASTM D5185m         >225         30         28         16           Tin         ppm         ASTM D5185m         >10         3         3         2           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         116         156         148           Barium         ppm         ASTM D5185m         6         6         6           Maganese         ppm         ASTM D5185m         28         28         29           Calcium         ppm         ASTM D5185m         2310         2018         1905           Zinc         ppm         ASTM D5185m         >20         6         6         5           Sodium         ppm<	Nickel				-		
Silver         ppm         ASTM D5185m         >50         Q         Q         Q           Aluminum         ppm         ASTM D5185m         >50         27         27         22           Lead         ppm         ASTM D5185m         >50         P99         P55         G3           Copper         ppm         ASTM D5185m         >22.5         30         28         16           Tin         ppm         ASTM D5185m         >22.5         30         0         0         0           Cadmium         ppm         ASTM D5185m         10         3         3         2           Wanadium         ppm         ASTM D5185m         0         0         0         0         0           Cadmium         ppm         ASTM D5185m         116         156         148           Barium         ppm         ASTM D5185m         28         28         29           Galcium         ppm         ASTM D5185m         219         22.2         233           Magnesium         ppm         ASTM D5185m         28         2310         2112         110           Sulfur         ppm         ASTM D5185m         20         6         6					-		
AluminumppmASTM D5185m>50272722LeadppmASTM D5185m>50999563CopperppmASTM D5185m>225302816TinppmASTM D5185m>10332VanadiumppmASTM D5185m0000CadmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m116156148BariumppmASTM D5185m000MolybdenumppmASTM D5185m666MaganesiumppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthi				>5	-		
Lead         ppm         ASTM D5185m         >50         99         95         63           Copper         ppm         ASTM D5185m         >225         30         28         16           Tin         ppm         ASTM D5185m         >10         3         3         2           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history1           Boron         ppm         ASTM D5185m         116         156         148           Barium         ppm         ASTM D5185m         6         6         6           Magnesium         ppm         ASTM D5185m         28         28         29           Calcium         ppm         ASTM D5185m         397         375         440           Zinc         ppm         ASTM D5185m         397         375         440           Sulfur         ppm         ASTM D5185m         2310         2018         1905           CONTAMINANTS         method         limit/b					-		
CopperppmASTM D5185m>225302816TinppmASTM D5185m>10332VanadiumppmASTM D5185m0000CadmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history1BoronppmASTM D5185m116156148BariumppmASTM D5185m666MaganeseppmASTM D5185m666MaganeseppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEAstru D							
Tin         ppm         ASTM D5185m         >10         3         3         2           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history1           Boron         ppm         ASTM D5185m         116         156         148           Barium         ppm         ASTM D5185m         6         6         6           Manganese         ppm         ASTM D5185m         28         28         29           Calcium         ppm         ASTM D5185m         397         375         440           Zinc         ppm         ASTM D5185m         397         375         440           Sulfur         ppm         ASTM D5185m         2310         2018         1905           CONTAMINANTS         method         limit/base         current         history1         history1           Silicon         ppm         ASTM D5185m         >20         6         6         5           Sodium         ppm         ASTM D5185m </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
VanadiumppmASTM D5185m000CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history1BoronppmASTM D5185m116156148BariumppmASTM D5185m000MolybdenumppmASTM D5185m666ManganeseppmASTM D5185m282829CalciumppmASTM D5185m282829CalciumppmASTM D5185m397375440ZincppmASTM D5185m231020181905SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESoldurscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNO							
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history1BoronppmASTM D5185m116156148BariumppmASTM D5185m000MolybdenumppmASTM D5185m666ManganeseppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONENONESoldurscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENON				210			
ADDITIVESmethodlimit/basecurrenthistory1history1BoronppmASTM D5185m116156148BariumppmASTM D5185m000MolybdenumppmASTM D5185m666ManganeseppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENORMLAppearancescalar*VisualNORMLNORMLNORMLNORML					-		
BoronppmASTM D5185m116156148BariumppmASTM D5185m0000MolybdenumppmASTM D5185m6666ManganeseppmASTM D5185m282829233CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m231020181905SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m20665SodiumppmASTM D5185m20223VISUALmethodlimit/basecurrenthistory1history1VISUALmethodlimit/basecurrenthistory1history1Yellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAstri UsualNONENONENONENONENONENONEAstri UsualNONENONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONE <td></td> <td>ρριτι</td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td>		ρριτι			-		-
BariumppmASTM D5185m000MolybdenumppmASTM D5185m666ManganeseppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m397375440SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONESoldorscalar*VisualNONENONENONENONESoldorscalar*VisualNONENONENONENONEAstrin D5185mscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESoldorscalar*VisualNONENONENONENONE </td <td>ADDITIVES</td> <td></td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m666ManganeseppmASTM D5185m<1	Boron	ppm	ASTM D5185m		116	156	148
ManganeseppmASTM D5185m<1<11MagnesiumppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m102112110SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLNORML	Barium	ppm	ASTM D5185m		0	0	0
MagnesiumppmASTM D5185m282829CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m102112110SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESodiumscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESoltscalar*VisualNONENONENONENONENONESoltscalar*VisualNONENONENONENONENONEAstronescalar*VisualNONENONENONENONENONEGoldscalar*VisualNONENONENONE <t< td=""><td>Molybdenum</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>6</td><td>6</td><td>6</td></t<>	Molybdenum	ppm	ASTM D5185m		6	6	6
CalciumppmASTM D5185m219222233PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m102112110SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESodd/Dirtscalar*VisualNONENONENONENONENONEAstrictionalscalar*VisualNONENONENONENONENONEOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGNEG	Manganese	ppm	ASTM D5185m		<1	<1	1
PhosphorusppmASTM D5185m397375440ZincppmASTM D5185m102112110SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20666PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESodd/Dirtscalar*VisualNONENONENONENONENONEAstrictionalscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEAstrictionalscalar*VisualNONENONENONENONENONEAstrictionalscalar*VisualNONENONENONENONENONEAstrictionalscalar*VisualNONENONENONENONENONEAstrictionalscalar*VisualNORMLNORMLNORMLNORMLNORML <t< td=""><td>Magnesium</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>28</td><td>28</td><td>29</td></t<>	Magnesium	ppm	ASTM D5185m		28	28	29
ZincppmASTM D5185m102112110SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESodiumscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESodiuscalar*VisualNONENONENONENONEAstra * VisualNONENONENONENONENONEAstra * VisualNONENONENONENONENONEAstra * VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLAppearances	Calcium	ppm	ASTM D5185m		219	222	233
SulfurppmASTM D5185m231020181905CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m>20223PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Phosphorus	ppm	ASTM D5185m		397	375	440
CONTAMINANTSmethodlimit/basecurrenthistory1history1SiliconppmASTM D5185m>20665SodiumppmASTM D5185m8666PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Zinc	ppm	ASTM D5185m		102	112	110
SiliconppmASTM D5185m>20665SodiumppmASTM D5185m8666PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNONENONENONENONEOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Sulfur	ppm	ASTM D5185m		2310	2018	1905
SodiumppmASTM D5185m866PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	CONTAMINAN	ITS	method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Silicon	ppm	ASTM D5185m	>20	6	6	5
PotassiumppmASTM D5185m>20223VISUALmethodlimit/basecurrenthistory1history1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Sodium	ppm	ASTM D5185m		8	6	6
White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Potassium			>20	2	2	3
Yellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Debris	scalar	*Visual		NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Sand/Dirt					NONE	
Odor         scalar         *Visual         NORML         NOR         NORML         NORML <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Appearance						
	••		*Visual	NORML		NORML	NORML
	Odor	scalar			NORML		

#### Machine Id DT694 Component Transmission (Auto) Fluid

### COGNIS EMGARD 2805 ATF (15 mls)

#### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### 📥 Wear

The lead level is abnormal. All other component wear rates are normal.

#### Contamination

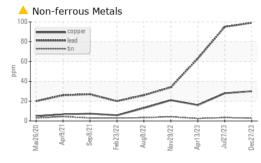
There is no indication of any contamination in the fluid.

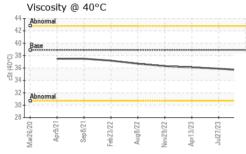
#### Fluid Condition

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



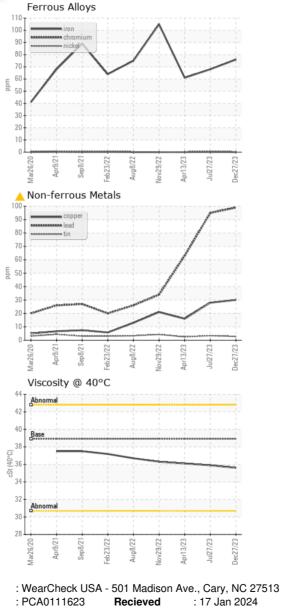
# **OIL ANALYSIS REPORT**





FLUID PROP	ERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	38.9	35.6	35.9	36.1
SAMPLE IMA	GES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image





NW WHITE & CO - BEAUFORT DIVISION 1491 YENMASSEE HIGHWAY VARNVILLE, SC US 29944 Contact: VINCENT BULLOCK bullockvince514@gmail.com T: 1106:2012) F:



 Certificate 12367
 Test Package
 : FLEET

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

 \* - 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)

Diagnosed

: 20 Jan 2024

Diagnostician : Don Baldridge

: 06063936

Laboratory

Sample No.

Lab Number

Unique Number : 10835318

Page 2 of 2