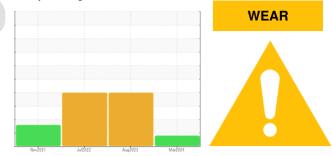


## **OIL ANALYSIS REPORT**

Sample Rating Trend





GEAR OIL SAE 80W90 (--- GAL)

### DIAGNOSIS

#### A Recommendation

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

#### A Wear

The iron level has decreased, but is still abnormal. All other component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

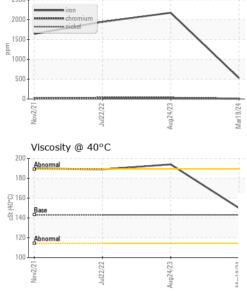
The condition of the oil is acceptable for the time in service.

Sample Date     Client Info     19 Mar 2024     24 Aug 2023     22 Jul 2022       Machine Age     hrs     Client Info     4466     4082     3406       Oil Age     hrs     Client Info     0     676     3373       Oil Changed     Client Info     Not Changd     Changed     Changed     Changed       Sample Status     Imit Max     ABNORMAL     ABNORMAL     ABNORMAL     ABNORMAL       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     7     31     30     11       Iran     ppm     ASTM D5185m     >25     4     17     16     1       Lead     ppm     ASTM D5185m     >50     1     3     3     1     1     1     1     1     1     1     1	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Date     I     Client Info     19 Mar 2024     24 Aug 2023     22 Jul 2022       Machine Age     hrs     Client Info     0     676     3373       Oil Age     hrs     Client Info     0     676     3373       Oil Changed     Client Info     Not Changed     ABNORMAL     ABNORMAL     ABNORMAL       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 05185m     >10     <1	Sample Number		Client Info		WC0936890	WC0818716	WC0619346
Oil Age hrs Client Info Not Changed ABNORMAL ABNORMAL ABNORMAL ABNORMAL ABNORMAL Contramine ABNORMAL Contramine Net Net Net ABNORMAL ABNORMAL ABNORMAL ABNORMAL ABNORMAL Contramine Net Net Net Net ABNORMAL AS	Sample Date		Client Info		19 Mar 2024	24 Aug 2023	22 Jul 2022
Oil Changed Client Info Not Changed ABNORMAL Changed ABNORMAL Changed ABNORMAL   CONTAMINATION method limit/base current history1 Mistory2   Water WC Method >0.2 NEG NEG NEG   WEAR METALS method limit/base current history1 history2   Iron ppm ASTM D5185m >10 7 ▲ 31 ▲ 1946   Chromium ppm ASTM D5185m >10 7 ▲ 31 ▲ 1946   Nickel ppm ASTM D5185m >10 <1	Machine Age	hrs	Client Info		4466	4082	3406
Sample Status     Method     Imit/base     Current     History1     ABNORMAL     ABNORMAL       CONTAMINATION     method     limit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history2     A 1946       Chromium     ppm     ASTM D5185m     >500     A 528     2176     A 1946       Chromium     ppm     ASTM D5185m     >10     7     311     A 30       Nickel     ppm     ASTM D5185m     10     <1	Oil Age	hrs	Client Info		0	676	3373
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     >500     A 528     A 2176     A 1946       Chromium     ppm     ASTM D5185m     >10     <1	Oil Changed		Client Info		Not Changd	Changed	Changed
Water     WC Method     >0.2     NEG     NEG     NEG     NEG       WEAR METALS     method     limit/base     ourrent     history1     history2       Iron     ppm     ASTM D5165m     >500     A 528     4 2176     A 1946       Chromium     ppm     ASTM D5165m     >10     -1     2     1       Titanium     ppm     ASTM D5165m     >10     -1     2     1       Silver     ppm     ASTM D5165m     >25     4     0     0     0       Aluminum     ppm     ASTM D5165m     >25     0     <1	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >500     \$ 528     \$ 2176     \$ 1946       Chromium     ppm     ASTM D5185m     >10     7     \$ 31     \$ 30       Nickel     ppm     ASTM D5185m     >10     <1     2     1       Titanium     ppm     ASTM D5185m     >10     <1     1     <1     0       Aluminum     ppm     ASTM D5185m     >25     0     <1     0     0     0       Aduminum     ppm     ASTM D5185m     >25     0     <1     0     0     1     1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1	CONTAMINATION	1	method	limit/base	current	history1	history2
Iron     ppm     ASTM D5185m     >500     ▲ 528     ▲ 2176     ▲ 1946       Chromium     ppm     ASTM D5185m     >10     7     ▲ 31     ▲ 30       Nickel     ppm     ASTM D5185m     >10     <1     2     1       Titanium     ppm     ASTM D5185m     >50     1     1     <1     0       Aluminum     ppm     ASTM D5185m     >25     0     <1     0     0       Aluminum     ppm     ASTM D5185m     >50     1     3     3     3       Tin     ppm     ASTM D5185m     >50     1     3     3       Antimony     ppm     ASTM D5185m     >50          Vanadium     ppm     ASTM D5185m     10     0     0     <1     <1     <1       Addmium     ppm     ASTM D5185m     12     <1     <1     <1     <1     <1     <1     <1     <1     30     27       Manalounese     ppm <th>Water</th> <th></th> <th>WC Method</th> <th>&gt;0.2</th> <th>NEG</th> <th>NEG</th> <th>NEG</th>	Water		WC Method	>0.2	NEG	NEG	NEG
Chromium     ppm     ASTM D5185m     >10     7     ▲ 31     ▲ 30       Nickel     ppm     ASTM D5185m     >10     <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     >10     <1     2     1       Titanium     ppm     ASTM D5185m      0     0     0       Silver     ppm     ASTM D5185m     >25     4     17     0       Aluminum     ppm     ASTM D5185m     >25     0     <1	Iron	ppm	ASTM D5185m	>500	<b>528</b>	<b>2</b> 176	<b>1</b> 946
Titanium     ppm     ASTM D5185m     <1     1     <1       Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >25     4     17     16       Lead     ppm     ASTM D5185m     >25     0     <1	Chromium	ppm	ASTM D5185m	>10	7	<b>A</b> 31	<b>A</b> 30
Silver     ppm     ASTM D5185m     0     0     0     0       Aluminum     ppm     ASTM D5185m     >25     4     17     16       Lead     ppm     ASTM D5185m     >25     0     <1	Nickel	ppm	ASTM D5185m	>10	<1	2	1
Aluminum     ppm     ASTM D5185m     >25     4     17     16       Lead     ppm     ASTM D5185m     >25     0     <1	Titanium	ppm	ASTM D5185m		<1	1	<1
Lead     ppm     ASTM D5185m     >25     0     <1     0       Copper     ppm     ASTM D5185m     >50     1     3     3       Tin     ppm     ASTM D5185m     >10     0     0     <1	Silver	ppm	ASTM D5185m		0	0	0
Lead     ppm     ASTM D5185m     >25     0     <1     0       Copper     ppm     ASTM D5185m     >50     1     3     3       Tin     ppm     ASTM D5185m     >10     0     0     <1	Aluminum		ASTM D5185m	>25	4	0 17	6 16
Copper     ppm     ASTM D5185m     >50     1     3     3       Tin     ppm     ASTM D5185m     >10     0     0     <1	Lead		ASTM D5185m	>25	0	<1	0
TinppmASTM D5185m>1000<1AntimonyppmASTM D5185m>5VanadiumppmASTM D5185m<1	Copper	ppm	ASTM D5185m	>50	1	3	3
Vanadium     ppm     ASTM D5185m     <1     <1     <1     <1       Cadmium     ppm     ASTM D5185m     <1     <1     <1     <1       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     400     38     137     151       Barium     ppm     ASTM D5185m     200     1     2     7       Molybdenum     ppm     ASTM D5185m     12     <1     3     2       Manganese     ppm     ASTM D5185m     12     4     14     7       Calcium     ppm     ASTM D5185m     150     15     21     10       Phosphorus     ppm     ASTM D5185m     125     11     30     27       Sulfur     ppm     ASTM D5185m     22500     18684     23432     26219       CONTAMINANTS     method     limit/base     current     history1     history2       Solicon     ppm     ASTM D5185m>75     28 <td>Tin</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;10</td> <th>0</th> <td>0</td> <td>&lt;1</td>	Tin	ppm	ASTM D5185m	>10	0	0	<1
VanadiumppmASTM D5185m<1<1<1<1CadmiumppmASTM D5185m40038137151ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m40038137151BariumppmASTM D5185m200127MolybdenumppmASTM D5185m12<1	Antimony		ASTM D5185m	>5			
CadmiumppmASTM D5185m<1<1<1<1ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m40038137151BariumppmASTM D5185m200127MolybdenumppmASTM D5185m12<1	•				<1	<1	<1
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m40038137151BariumppmASTM D5185m200127MolybdenumppmASTM D5185m12<1	Cadmium		ASTM D5185m		<1	<1	<1
BoronppmASTM D5185m40038137151BariumppmASTM D5185m200127MolybdenumppmASTM D5185m12<132ManganeseppmASTM D5185m12<132ManganeseppmASTM D5185m124147CalciumppmASTM D5185m150152110PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>752810287SodiumppmASTM D5185m>2041310VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEAstm D5185m2NONENONENONENONENONESodiumppmASTM	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m12<132ManganeseppmASTM D5185m124147CalciumppmASTM D5185m120152110PhosphorusppmASTM D5185m150152110PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>752810287SodiumppmASTM D5185m>170<1	Boron	ppm	ASTM D5185m	400	38	137	151
MolybdenumppmASTM D5185m12<132ManganeseppmASTM D5185m124147CalciumppmASTM D5185m124147CalciumppmASTM D5185m150152110PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SoliconppmASTM D5185m>752810287SodiumppmASTM D5185m>170<1	Barium		ASTM D5185m	200	1	2	7
ManganeseppmASTM D5185m52018MagnesiumppmASTM D5185m124147CalciumppmASTM D5185m150152110PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>752810287SodiumppmASTM D5185m>70<1	Molybdenum		ASTM D5185m	12	<1	3	2
MagnesiumppmASTM D5185m124147CalciumppmASTM D5185m150152110PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>752810287SodiumppmASTM D5185m>2041310VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORML			ASTM D5185m			20	18
CalciumppmASTM D5185m150152110PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>752810287SodiumppmASTM D5185m>170<1	0		ASTM D5185m	12	4	14	
PhosphorusppmASTM D5185m165048411371151ZincppmASTM D5185m125113027SulfurppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>752810287SodiumppmASTM D5185m>170<123PotassiumppmASTM D5185m>2041310VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAstronascalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORML	-		ASTM D5185m	150	15	21	10
ZincppmASTM D5185m125113027SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>7528▲102▲87SodiumppmASTM D5185m>170<1	Phosphorus		ASTM D5185m	1650	484	1137	1151
SulfurppmASTM D5185m22500186842343226219CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>7528▲102▲87SodiumppmASTM D5185m>170<1			ASTM D5185m	125	11	30	27
Silicon   ppm   ASTM D5185m   >75   28   ▲   102   ▲   87     Sodium   ppm   ASTM D5185m   >170   <1   2   3     Potassium   ppm   ASTM D5185m   >20   4   13   10     VISUAL   method   limit/base   current   history1   history2     White Metal   scalar   *Visual   NONE   NONE   NONE   NONE   NONE     Yellow Metal   scalar   *Visual   NONE   NONE   NONE   NONE   NONE     Precipitate   scalar   *Visual   NONE   NONE   NONE   NONE   NONE     Silt   scalar   *Visual   NONE   NONE   NONE   NONE   NONE     Debris   scalar   *Visual   NONE   NONE   NONE   NONE   NONE     Sand/Dirt   scalar   *Visual   NORML   NORML   NORML   NORML   NORML     Odor   scalar   *Visual   NORML   NORML   NORML   NORML   NORML     Odor<	Sulfur		ASTM D5185m	22500	18684	23432	26219
SodiumppmASTM D5185m>170<1	CONTAMINANTS		method	limit/base	current	history1	history2
SodiumppmASTM D5185m>170<123PotassiumppmASTM D5185m>2041310VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Silicon	ppm	ASTM D5185m	>75	28	102	▲ 87
PotassiumppmASTM D5185m>2041310VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG					20		
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Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG					<1	2	
Precipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Potassium		ASTM D5185m	>20	<1 4	2 13	
Siltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEG	Potassium VISUAL	ppm	ASTM D5185m method	>20 limit/base	<1 4 current	2 13 history1	10 history2
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Potassium VISUAL White Metal	ppm scalar	ASTM D5185m method *Visual	>20 limit/base NONE	<1 4 current NONE	2 13 history1 NONE	10 history2 NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Potassium VISUAL White Metal Yellow Metal	ppm scalar scalar	ASTM D5185m method *Visual *Visual	>20 limit/base NONE NONE	<1 4 current NONE NONE	2 13 history1 NONE NONE	10 history2 NONE NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Potassium VISUAL White Metal Yellow Metal Precipitate	scalar scalar scalar	ASTM D5185m method *Visual *Visual *Visual	>20 limit/base NONE NONE NONE	<1 4 current NONE NONE NONE	2 13 history1 NONE NONE NONE	10 history2 NONE NONE NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEG	Potassium VISUAL White Metal Yellow Metal Precipitate Silt	scalar scalar scalar scalar	ASTM D5185m method *Visual *Visual *Visual	>20 limit/base NONE NONE NONE	<1 4 Current NONE NONE NONE NONE	2 13 history1 NONE NONE NONE NONE	10 history2 NONE NONE NONE NONE
Emulsified Water scalar *Visual >0.2 NEG NEG NEG	Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	scalar scalar scalar scalar scalar scalar	ASTM D5185m method *Visual *Visual *Visual *Visual *Visual	>20 limit/base NONE NONE NONE NONE	<1 4 NONE NONE NONE NONE NONE NONE	2 13 NONE NONE NONE NONE NONE NONE	10 history2 NONE NONE NONE NONE
Emulsified Water scalar *Visual >0.2 NEG NEG NEG	Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m method *Visual *Visual *Visual *Visual *Visual *Visual	>20 limit/base NONE NONE NONE NONE NONE	<1 4 NONE NONE NONE NONE NONE NONE NONE	2 13 NONE NONE NONE NONE NONE NONE	10 history2 NONE NONE NONE NONE NONE
	Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m method *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 limit/base NONE NONE NONE NONE NONE NORE	<1 4 NONE NONE NONE NONE NONE NONE NONE NO	2 13 NONE NONE NONE NONE NONE NONE NONE NORE	10 history2 NONE NONE NONE NONE NONE NONE
	Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m method *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>20 Iimit/base NONE NONE NONE NONE NONE NONE NORML NORML	<1 4 NONE NONE NONE NONE NONE NONE NONE NO	2 13 NONE NONE NONE NONE NONE NONE NONE NORML NORML NEG	10 history2 NONE NONE NONE NONE NONE NORML NORML NEG

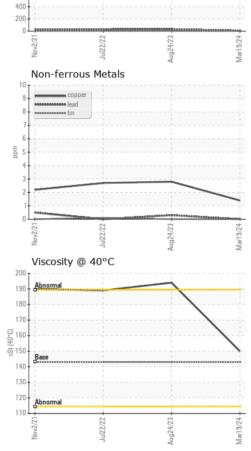


# **OIL ANALYSIS REPORT**

Ferrous Alloys



FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	143	150	194	189
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
200 - iron 800 - nickel 800 - nickel 800			X			
600 -						



MANHATTAN ROAD AND BRIDGE Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : WC0936890 5601 S 122ND E AVE Received : 09 May 2024 Lab Number : 06174345 Tested : 10 May 2024 TULSA, OK US 74146 Unique Number : 11020398 Diagnosed : 13 May 2024 - Don Baldridge Test Package : CONST Contact: WILL ANDERSON Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. will.anderson@manhattanrb.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Report Id: MANTUL [WUSCAR] 06174345 (Generated: 05/13/2024 12:01:57) Rev: 1

Submitted By: JAMES STEELMON Page 2 of 2