

# **COOLANT REPORT**

Sample Rating Trend

WEAR



Fluid HYBRID (HOAT) COOLANT (--- GAL)

## DIAGNOSIS

Machine Id

Component Coolant

#### Recommendation

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. We recommend an early resample to monitor this condition.

#### Corrosion

Copper ppm levels are abnormal. The high metal levels indicate corrosion in the system.

#### Contaminants

There is no indication of any contamination in the coolant.

### **Coolant Condition**

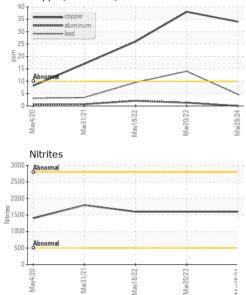
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

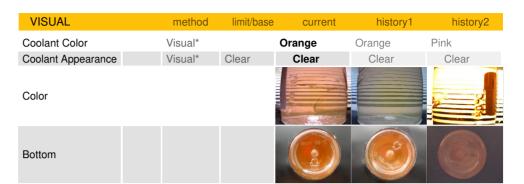
SAMPLE INFORMATION   method   limit/base   current   history1   history2     Sample Number   Client Info   28 Mar 2024   20 Mar 2023   18 May 2022     Machine Age   hrs   Client Info   789   0   0     Oll Age   hrs   Client Info   N/A   N/A   N/A     Sample Status   a   Client Info   N/A   N/A   N/A     Sample Status   a   association   association   association   association     PhysicAL TEST RESULTS   method   limit/base   current   history1   history2     Glycol Type   FT-IR   UNK     specific Gravity   ASTM D1287   9.71   9.73   9.67     Nitries   ppm   Asam Test Kit   1600   1600   1600   1600     Reserve Alkalinity   Sabe1-4   ASTM D1287   9.71   9.73   9.67     Preestage Glycol   ASTM D1287   9.58.0   57.5   54.9     Precentage Glycol   ASTM D1287				_			
Sample Number   Client Info   WC0896287   WC0774095   WC0675199     Sample Date   Client Info   28 Mar 2024   20 Mar 2023   18 May 2022     Machine Age   hrs   Client Info   0   0   0     Oil Age   hrs   Client Info   0   0   0   0     Oil Changed   Client Info   N/A   N/A   N/A   N/A   N/A     Sample Status   Ether Info   N/A   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL     PHYSICAL TEST RESULTS   method   limit/base   current   history1   history2     Glycol Type   FT-IR   UNK       Specific Gravity   ASTM D1287   9.71   9.73   9.67     Nitrites   ppm   Alcan Test Kit   1600   1600   1600     Reserve Alkalinity   Scale 0:4   ASTM D3221   -48   -52   -45     Carboxylate <td< th=""><th></th><th></th><th>May2020</th><th>Mar2021</th><th>May2022 Mar2023</th><th>Mar2024</th><th></th></td<>			May2020	Mar2021	May2022 Mar2023	Mar2024	
Sample Number   Client Info   WC0896287   WC0774095   WC0655190     Sample Date   Client Info   28 Mar 2024   20 Mar 2023   18 May 2022     Machine Age   hrs   Client Info   0   0   0     Oil Age   hrs   Client Info   N/A   N/A   N/A     Sample Status   Client Info   N/A   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL     PHYSICAL TEST RESULTS   method   limit/base   current   history1   1.073     Sgecific Gravity   ASTM D1287   9.71   9.73   9.67     Nitries   ppm   Alan Test KI*   1600   1600   1600     Reserve Alkalinity   Scale 0.4   ASTM D1287   58.0   57.5   54.9     Freezing Point   °C   ASTM D321*   66.6   3.9   3.9     Percentage Clycol   %   ASTM D321*   64.6   7.6   7.3     Silicon   ppm   ASTM D5185(m)   10   1.7   3.5   47	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date   Client Info   28 Mar 2024   20 Mar 2023   18 May 2022     Machine Age   hrs   Client Info   769   0   0     Oil Age   hrs   Client Info   0   0   0   0     Oil Changed   Client Info   0   N/A   N/A   N/A   N/A     Sample Status   Image   Image   Image   N/A   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL     PHYSICAL TEST RESULTS   method   limit/base   current   history1   i.or7     Specific Gravity   ASTM D1287   9.71   9.73   9.67     Nitries   ppm   Acan Test Kit   1600   1600   1600     Reserve Alkalinity   Scale 0.4   ASTM D3221*   58.0   57.5   54.9     Freezing Point   °C   ASTM D32321*   48   52   47     Phosphorus   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   15	Sample Number		Client Info		WC0896287		
Machine Age hrs Client Info 789 0 0   Oil Age hrs Client Info 0 0 0   Oil Age hrs Client Info N/A N/A N/A N/A   Sample Status Image Client Info N/A ABNORMAL ABNORMAL ABNORMAL   PHYSICAL TEST RESULTS method Imil/base current history1 history2   Glycol Type FT-IR UNK      Specific Gravity ASTM D1297 9.71 9.73 9.67   Nitrites ppm Alcan Test Kit* 1600 1600 1600   Reserve Alkalinity Scale 0.40 ASTM D321* 6.6 3.9 3.9   Percentage Glycol % ASTM D3321* -48 -52 -45   Carboxylate method Imil/base current history1 history2   Silicon ppm ASTM D5185(m) 158 209 208   Molybdenum ppm ASTM D5185(m) 164 76 73 <t< td=""><td>•</td><td></td><td>Client Info</td><td></td><td>28 Mar 2024</td><td>20 Mar 2023</td><td>18 May 2022</td></t<>	•		Client Info		28 Mar 2024	20 Mar 2023	18 May 2022
Oli Changed   Client Info   N/A   N/A   N/A   N/A   N/A     Sample Status   Client Info   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL     PHYSICAL TEST RESULTS   method   limit/base   current   history1   history2     Glycol Type   FT-IR   UNK       Specific Gravity   ASTM D1287   9.71   9.73   9.67     Nitrites   ppm   Alcan Test Kit   1600   1600   1600     Reserve Alkalinity   Scale 0.41   ASTM D1287   5.80   57.5   54.9     Freezing Point   C   ASTM D3211   -48   -52   -45     Carboxylate          CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38 <td< td=""><td></td><td>hrs</td><td>Client Info</td><td></td><td>789</td><td>0</td><td>0</td></td<>		hrs	Client Info		789	0	0
Sample Status   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL   ABNORMAL     PHYSICAL TEST RESULTS   method   limit/base   current   history1   history2     Glycol Type   FT-IR   UNK       Specific Gravity   ASTM D1298*   9.71   9.73   9.67     Nitrites   ppm   Acan Test Kit   1600   1600   1600     Reserve Alkalinity   Sale 0-40   ASTM D122*   6.6   3.9   3.9     Percentage Glycol   %   ASTM D3321*   -48   -52   -45     Carboxylate          CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   117   35   38     CORROSION   method <t< td=""><td>Oil Age</td><td>hrs</td><td>Client Info</td><td></td><td>0</td><td>0</td><td>0</td></t<>	Oil Age	hrs	Client Info		0	0	0
PHYSICAL TEST RESULTS   method   limit/base   current   history1   history2     Glycol Type   FT-IR   UNK        Specific Gravity   A STM D1298*   1.077   1.077   1.073   9.67     pH   Scale 0-14   ASTM D1297*   9.71   9.73   9.67     Nitrites   ppm   Alcan Test Kit*   1600   1600   1600     Reserve Alkalinity   Scale 0-20   ASTM D1321*   58.0   57.5   54.9     Freezing Point   °C   ASTM D3321*   -48   -52   -45     Carboxylate          CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   >10   1   2     Correno <t< td=""><td>Oil Changed</td><td></td><td>Client Info</td><td></td><td>N/A</td><td>N/A</td><td>N/A</td></t<>	Oil Changed		Client Info		N/A	N/A	N/A
Giycol Type   FT-IR   UNK       Specific Gravity   ASTM D1298°   1.077   1.077   1.073     pH   Scale 0-14   ASTM D1287°   9.71   9.73   9.67     Nitrites   ppm   Acan Test Kit*   1600   1600   1600     Reserve Alkalinity   Scale 0-20   ASTM D1287°   9.71   9.73   9.67     Percentage Glycol   %   ASTM D1287°   9.66   3.9   3.9     Percentage Glycol   %   ASTM D3321°   6.6   3.9   3.9     Freezing Point   °C   ASTM D3321°   -48   -52   -45     Carboxylate          CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   15   0   4   -1     Abybdenum   pm   ASTM D5185(m)   >10   0   1   2     Copper   ppm   A	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Specific Gravity   ASTM D1298*   1.077   1.077   1.073     pH   Scale 0-14   ASTM D1287*   9.71   9.73   9.67     Nitrites   ppm   Alcan Test Kit*   1600   1600   1600     Reserve Alkalinity   Scale 0-20   ASTM D121*   6.6   3.9   3.9     Percentage Glycol   %   ASTM D321*   -48   -52   -45     Carboxylate   -         CORROSION INH/BITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   117   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >10   0   1   2   2     Iron   p	PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity   ASTM D1298*   1.077   1.077   1.073     pH   Scale 0-14   ASTM D1287*   9.71   9.73   9.67     Nitrites   ppm   Alcan Test Kit*   1600   1600   1600     Reserve Alkalinity   Scale 0-20   ASTM D121*   6.6   3.9   3.9     Percentage Glycol   %   ASTM D321*   -48   -52   -45     Carboxylate   -         CORROSION INH/BITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >10   0   1   2   2     Iron   pp	Glycol Type		FT-IR		UNK		
pH   Scale 0.14   ASTM D1287'   9.71   9.73   9.67     Nitrites   ppm   Alcan Test Kit'   1600   1600   1600     Reserve Alkalinity   Scale 0.20   ASTM D1121'   6.6   3.9   3.9     Percentage Glycol   %   ASTM D3321'   -48   -52   -45     Carboxylate   -         CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   158   209   208     Boron   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)<>10   0   1   2   2     Iron   ppm   ASTM D5185(m)   >10   0   1   2     Iron   ppm </td <td></td> <td></td> <td>ASTM D1298*</td> <td></td> <td>1.077</td> <td>1.077</td> <td>1.073</td>			ASTM D1298*		1.077	1.077	1.073
Reserve Alkalinity   Scale 0:20   ASTM D1121*   6.6   3.9   3.9     Percentage Glycol   %   ASTM D3321*   58.0   57.5   54.9     Freezing Point   °C   ASTM D3321*   -48   -52   -45     Carboxylate          CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >10   0   1   2     Copper   ppm   ASTM D5185(m)   >10   5   4   10     Tin   ppm   ASTM D5185(m)   >10   2   <1		Scale 0-14	ASTM D1287*		9.71	9.73	9.67
Percentage Glycol   %   ASTM D3321*   58.0   57.5   54.9     Freezing Point   °C   ASTM D3321*   -48   -52   -45     Carboxylate          CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   64   76   73     Boron   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >10   0   1   2     Iron   ppm   ASTM D5185(m)   >10   34   38   26     Lead   ppm   ASTM D5185(m)   >10   2   4   1     Silver   ppm <td>Nitrites</td> <td>ppm</td> <td>Alcan Test Kit*</td> <td></td> <td>1600</td> <td>1600</td> <td>1600</td>	Nitrites	ppm	Alcan Test Kit*		1600	1600	1600
Freezing Point°CASTM D3321*-48-52-45CarboxylateImit/basecurrenthistory1history2CORROSION INHIBITORSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)385547PhosphorusppmASTM D5185(m)647673BoronppmASTM D5185(m)158209208MolybdenumppmASTM D5185(m)173538CORROSIONmethodlimit/basecurrenthistory1history2IronppmASTM D5185(m)>10012CopperppmASTM D5185(m)>10012CopperppmASTM D5185(m)>10514410TinppmASTM D5185(m)>1002<1	Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.6	3.9	3.9
CarboxylateCORROSION INHIBITORSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185(m)385547PhosphorusppmASTM D5185(m)647673BoronppmASTM D5185(m)158209208MolybdenumppmASTM D5185(m)1773538CORROSIONmethodlimit/basecurrenthistory1history2IronppmASTM D5185(m)>1504<1	Percentage Glycol	%	ASTM D3321*		58.0	57.5	54.9
CORROSION INHIBITORS   method   limit/base   current   history1   history2     Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   64   76   73     Boron   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >15   0   4   <1	Freezing Point	°C	ASTM D3321*		-48	-52	-45
Silicon   ppm   ASTM D5185(m)   38   55   47     Phosphorus   ppm   ASTM D5185(m)   64   76   73     Boron   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >15   0   4   <1	Carboxylate						
Phosphorus   ppm   ASTM D5185(m)   64   76   73     Boron   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   177   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >15   0   4   <1     Aluminum   ppm   ASTM D5185(m)   >10   0   1   2     Copper   ppm   ASTM D5185(m)   >10   34   38   26     Lead   ppm   ASTM D5185(m)   >10   5   144   10     Tin   ppm   ASTM D5185(m)   >10   2   <1     Silver   ppm   ASTM D5185(m)   >10   2   <1     CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   100   1456   1444   1211     Potass	CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Boron   ppm   ASTM D5185(m)   158   209   208     Molybdenum   ppm   ASTM D5185(m)   17   35   38     CORROSION   method   limit/base   current   history1   history2     Iron   ppm   ASTM D5185(m)   >15   0   4   <1     Aluminum   ppm   ASTM D5185(m)   >10   0   1   2     Copper   ppm   ASTM D5185(m)   >10   34   38   26     Lead   ppm   ASTM D5185(m)   >10   5   14   10     Tin   ppm   ASTM D5185(m)   >10   0   2   <1     Silver   ppm   ASTM D5185(m)   >10   <1   4   <1     Zinc   ppm   ASTM D5185(m)   >10   <1   4   <1     CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   100   1071   1187	Silicon	ppm	ASTM D5185(m)		38	55	47
MolybdenumppmASTM D5185(m)173538CORROSIONmethodlimit/basecurrenthistory1history2IronppmASTM D5185(m)>1504<1AluminumppmASTM D5185(m)>10012CopperppmASTM D5185(m)>10343826LeadppmASTM D5185(m)>10514410TinppmASTM D5185(m)>1002<1SilverppmASTM D5185(m)>1002<1ZincppmASTM D5185(m)>10<14<1CARRIER SALTSmethodlimit/basecurrenthistory1history2SodiumppmASTM D5185(m)145614441211PotassiumppmASTM D5185(m)>100302SCALE POTENTIALmethodlimit/basecurrenthistory1history2MagnesiumppmASTM D5185(m)>100302MagnesiumppmASTM D5185(m)>100302	Phosphorus	ppm	ASTM D5185(m)		64	76	73
CORROSIONmethodlimit/basecurrenthistory1history2IronppmASTM D5185(m)>1504<1	Boron	ppm	ASTM D5185(m)		158	209	208
Iron ppm ASTM D5185(m) >15 0 4 <1   Aluminum ppm ASTM D5185(m) >10 0 1 2   Copper ppm ASTM D5185(m) >10 34 38 26   Lead ppm ASTM D5185(m) >10 5 14 10   Tin ppm ASTM D5185(m) >10 0 2 <1   Silver ppm ASTM D5185(m) >10 <14 <10   Zinc ppm ASTM D5185(m) >10 <14 <10   CARRIER SALTS method limit/base current history1 history2   Sodium ppm ASTM D5185(m) 100 1071 1187 1243   SCALE POTENTIAL method limit/base current history1 history2   Calcium ppm ASTM D5185(m) >100 3 0 2   Magnesium ppm ASTM D5185(m) >100 3 0 2   Magnesium ppm ASTM D5185(m) >100 3	Molybdenum	ppm	ASTM D5185(m)		17	35	38
Aluminum ppm ASTM D5185(m) >10 0 1 2   Copper ppm ASTM D5185(m) >10 34 38 26   Lead ppm ASTM D5185(m) >10 5 14 10   Tin ppm ASTM D5185(m) >10 0 2 <1   Silver ppm ASTM D5185(m) >10 <1 4 <10   Zinc ppm ASTM D5185(m) >10 <1 4 <1   CARRIER SALTS method limit/base current history1 history2   Sodium ppm ASTM D5185(m) 1456 1444 1211   Potassium ppm ASTM D5185(m) 1456 1444 1211   Potassium ppm ASTM D5185(m) 1001 3 0 2   Calcium ppm ASTM D5185(m) >100 3 0 2   Magnesium ppm ASTM D5185(m) >40 2 2 <1	CORROSION		method	limit/base	current	history1	history2
Copper   ppm   ASTM D5185(m)   >10   ▲ 34   ▲ 38   ▲ 26     Lead   ppm   ASTM D5185(m)   >10   5   ▲ 14   ▲ 10     Tin   ppm   ASTM D5185(m)   >10   0   2   <1     Silver   ppm   ASTM D5185(m)   >10   0   2   <1     Zinc   ppm   ASTM D5185(m)   >10   <1   4   <1     CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   100   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >400   2   2   <1	Iron	ppm	ASTM D5185(m)	>15	0	4	<1
Lead ppm ASTM D5185(m) >10 5 ▲ 14 ▲ 10   Tin ppm ASTM D5185(m) >10 0 2 <1	Aluminum	ppm	ASTM D5185(m)	>10	0	1	2
Tin   ppm   ASTM D5185(m)   >10   0   2   <1     Silver   ppm   ASTM D5185(m)   >10   <1   4   <1     Zinc   ppm   ASTM D5185(m)   >10   <1   4   <1     CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   1456   1444   1211     Potassium   ppm   ASTM D5185(m)   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   2   <1	Copper	ppm	ASTM D5185(m)	>10	<b>A</b> 34	<b>4</b> 38	<b>2</b> 6
Silver   ppm   ASTM D5185(m)   >10   <1   4   <1     Zinc   ppm   ASTM D5185(m)   >10   2   4   1     CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   1456   1444   1211     Potassium   ppm   ASTM D5185(m)   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   2   <1	Lead	ppm	ASTM D5185(m)	>10	5	<u> </u>	<b>1</b> 0
Zinc   ppm   ASTM D5185(m)   2   4   1     CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   1456   1444   1211     Potassium   ppm   ASTM D5185(m)   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   2   <1	Tin	ppm	ASTM D5185(m)	>10	0	2	<1
CARRIER SALTS   method   limit/base   current   history1   history2     Sodium   ppm   ASTM D5185(m)   1456   1444   1211     Potassium   ppm   ASTM D5185(m)   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m) >100   3   0   2     Magnesium   ppm   ASTM D5185(m) >40   2   2   <1	Silver	ppm	ASTM D5185(m)	>10	<1	4	<1
Sodium   ppm   ASTM D5185(m)   1456   1444   1211     Potassium   ppm   ASTM D5185(m)   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   2   <1	Zinc	ppm	ASTM D5185(m)		2	4	1
Potassium   ppm   ASTM D5185(m)   1071   1187   1243     SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   2   <1	CARRIER SALTS	;	method	limit/base	current	history1	history2
SCALE POTENTIAL   method   limit/base   current   history1   history2     Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   <1	Sodium	ppm	ASTM D5185(m)		1456	1444	1211
Calcium   ppm   ASTM D5185(m)   >100   3   0   2     Magnesium   ppm   ASTM D5185(m)   >40   2   2   <1	Potassium	ppm	ASTM D5185(m)		1071	1187	1243
Magnesium   ppm   ASTM D5185(m)   >40   2   <1	SCALE POTENT	IAL	method	limit/base	current	history1	history2
	Calcium	ppm	ASTM D5185(m)	>100	3	0	2
Hardness mgL CaCO3 In-house* <75 <b>13</b> 9 8	Magnesium	ppm	ASTM D5185(m)	>40	2	2	<1
	Hardness	mg/L CaCO3	In-house*	<75	13	9	8

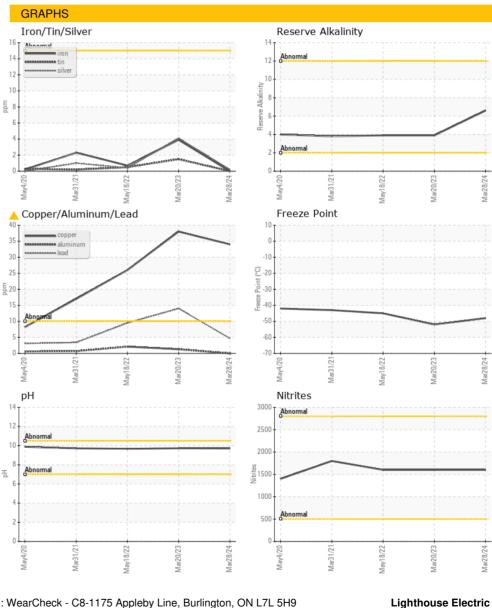


# **COOLANT REPORT**









Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. : WC0896287 Received : 09 Apr 2024 Lab Number : 02627749 Tested : 09 Apr 2024 ISO 17025:2017 Accredited Laboratory Unique Number : 5760881 Diagnosed : 10 Apr 2024 - Kevin Marson Test Package : COOL ( Additional Tests: GlycolType ) To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

6714 6th Conc South Amherstburg, ON CA N9V 0C8 Contact: Brad Purdie brad\_lighthouse@hotmail.com T: (519)730-1310 F:

Report Id: LIGAMH [WCAMIS] 02627749 (Generated: 04/12/2024 08:54:36) Rev: 1

Contact/Location: Brad Purdie - LIGAMH Page 2 of 2