

COOLANT REPORT

Sample Rating Trend

COOL CHEMICALS

3

WCLSNC Machine Id QC COOL ELC NC 09012022

Component Coolant Fluid

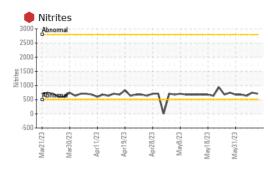
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

DIAGNOSIS

SAMPLE INFORMATION method limit/base current history1 history2 Sample Number Client Info WC0825544 WC0825543 WC0825542 Sample Date Client Info 0 0 0.0 </th <th>GAL)</th> <th colspan="8">42023 Mar2023 Apc2023 Apc2023 Apc2023 Mar2023 Mar2023 Mar2023</th>	GAL)	42023 Mar2023 Apc2023 Apc2023 Apc2023 Mar2023 Mar2023 Mar2023							
Sample Date Client Info 08 Jun 2023 07 Jun 2023 06 Jun 2023 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 Sample Status Imit/base current history1 history2 Specific Gravity 'ASTM D1288 1.067 1.067 1.067 PHYSICAL TEST RESULTS method imit/base current history1 history2 Specific Gravity 'ASTM D1287 8.20 8.18 8.21 Nitrites ppm AP-053:2009 712 748 636 Reserve Alkalinity Sale0:21 ASTM D1287 49.8 49.8 49.8 Freezing Point °F ASTM D3321 -33 -33 -33 Total Dissolved Solids retro fail fail fail Sconon ppm ASTM D6130 0 <t< th=""><th>SAMPLE INFORM</th><th>ATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2		
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 N/A N/A Sample Status Client Info N/A N/A N/A PHYSICAL TEST RESULTS method imil/base current history1 history2 Specific Gravity 'ASTM D1287 8.20 8.18 8.21 NOF PHYSICAL TEST RESULTS method 10.67 1.067 1.067 Specific Gravity 'ASTM D1287 8.20 8.18 8.21 Nitrites ppm AP 053200 712 748 636 Reserve Alkalinity Sca0049 ASTM D321 49.8 49.8 49.8 Freezing Point °F ASTM D321 18.5 348.5 338.5 Carboxylate Imil/base current history1 history2 Silicon ppm ASTM D6130 0 0 0	Sample Number		Client Info		WC0825544	WC0825543	WC0825542		
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A Sample Status Image SEVERE SEVERE NORMAL PHYSICAL TEST RESULTS method Imit/base current history1 history2 Specific Gravity 'ASTM D1287 8.20 8.18 8.21 Nitrites ppm AP-053:2009 712 748 636 Reserve Alkalinity Sale0.20 ASTM D1321 Percentage Glycol % ASTM D3321 49.8 49.8 49.8 Freezing Point °F ASTM D3321 -33 -33 -33 Total Dissolved Solids Imit/base current history1 history2 Silicon ppm ASTM D6130 0 0 0 0 Boron ppm ASTM D6130 0 0 0 0 0 Copper ppm ASTM D6130 2<	Sample Date		Client Info		08 Jun 2023	07 Jun 2023	06 Jun 2023		
Oil Changed Sample Status Client Info N/A N/A N/A N/A Severa Severa Severa Severa Severa Normal PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity 'ASTM D1287 8.20 8.18 8.21 Nirties ppm AP-053:2009 712 748 636 Reserve Alkalinity Sale 0:02 'ASTM D1231 49.8 49.8 49.8 Freezing Point °F ASTM D3321 49.8 49.8 49.8 Carboxylate re- re- ORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 0 4 9 9 9 Phosphorus ppm ASTM D6130 0 0 0 0 Boron ppm ASTM D6130 2 1 0 0 Consen	Machine Age	hrs	Client Info		0	0	0		
Sample Status Imit SEVERE SEVERE SEVERE NORMAL PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity 'ASTM D1298 1.067 1.067 1.067 pH Scale 0.44 ASTM D1287 8.20 8.18 8.21 Nitrites ppm AP-053:2009 712 748 636 Reserve Alkalinity Scale 0.20 'ASTM D1281 Percentage Glycol % ASTM D321 49.8 49.8 49.8 Freezing Point °F ASTM D3321 -33 -33 -33 Total Dissolved Solids 18.5 348.5 388.5 Carboxylate imit/base current history1 history2 Silicon ppm ASTM D6130 0 0 0 0 Boron ppm ASTM D6130 9 9 9 9 Phosphorus ppm ASTM D6130 </td <td>-</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>-</th> <td>0</td> <td>0</td>	-	hrs	Client Info		-	0	0		
PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity 'ASTM D1298 1.067 1.067 1.067 pH Scale 014 ASTM D1297 8.20 8.18 8.21 Nitrites ppm AP-053:2009 712 748 636 Reserve Alkalinity Scale 014 ASTM D1231 49.8 49.8 49.8 Freezing Point °F ASTM D321 49.8 49.8 49.8 Freezing Point °F ASTM D321 -33 -33 -33 Total Dissolved Solids Imit/base current history1 history2 Carboxylate Imit/base current history1 history2 Silicon ppm ASTM D6130 0 0 0 Boron ppm ASTM D6130 0 0 2 4 Molybdenum ppm ASTM D6130 >2 1 0 0 CORROSION method limit/bas	Oil Changed		Client Info		N/A	N/A	N/A		
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Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.8 49.8 49.8 Freezing Point °F ASTM D3321 -33 -33 -33 Total Dissolved Solids Image: Correct of the c	рН	Scale 0-14	ASTM D1287		8.20	8.18	8.21		
Percentage Glycol % ASTM D3321 49.8 49.8 49.8 Freezing Point °F ASTM D3321 -33 -33 -33 Total Dissolved Solids 18.5 348.5 338.5 Carboxylate Imit/base current history1 history2 Silicon ppm ASTM D6130 0 4 9 9 Phosphorus ppm ASTM D6130 0 0 0 0 Boron ppm ASTM D6130 0 0 2 4 Molybdenum ppm ASTM D6130 0 0 0 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >2 1 0 0 Copper ppm ASTM D6130 >2 0 <1	Nitrites	ppm	AP-053:2009		712	748	636		
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Total Dissolved Solids 18.5 348.5 338.5 Carboxylate Image in the image i	Percentage Glycol	%	ASTM D3321		49.8	49.8	49.8		
CarboxylateImage: Correct of all failfailfailCORROSION INHIBITORSmethodlimit/basecurrenthistory1history2SiliconppmASTM D61300499PhosphorusppmASTM D61300000BoronppmASTM D61300024MolybdenumppmASTM D6130950120010161030CORROSIONmethodlimit/basecurrenthistory1history2IronppmASTM D6130>2100AluminumppmASTM D6130>2100CopperppmASTM D6130>20<1	Freezing Point	°F	ASTM D3321		-33	-33	-33		
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Boron ppm ASTM D6130 0 0 2 4 Molybdenum ppm ASTM D6130 950 1200 1016 1030 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >2 1 0 0 Aluminum ppm ASTM D6130 >2 <1 0 0 Copper ppm ASTM D6130 >2 <1 0 0 Lead ppm ASTM D6130 >2 0 <1 <1 Lead ppm ASTM D6130 >2 0 <1 <1 Lead ppm ASTM D6130 >2 0 0 0 Zinc ppm ASTM D6130 >2 0 0 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 4 15 17 <tr< td=""><td>Silicon</td><td>ppm</td><td>ASTM D6130</td><td>0</td><th>4</th><td>9</td><td>9</td></tr<>	Silicon	ppm	ASTM D6130	0	4	9	9		
Molybdenum ppm ASTM D6130 950 1200 1016 1030 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >2 1 0 0 Aluminum ppm ASTM D6130 >2 <1 0 0 Copper ppm ASTM D6130 >2 o <1 <1 Lead ppm ASTM D6130 >2 0 <0 <0 Zinc ppm ASTM D6130 >2 0 <0 <0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 8135 5380	Phosphorus	ppm	ASTM D6130	0	0	0	0		
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Iron ppm ASTM D6130<>2 1 0 0 Aluminum ppm ASTM D6130<>2 <1 0 0 Copper ppm ASTM D6130<>2 <1 0 0 Lead ppm ASTM D6130<>2 0 <1 <1 Lead ppm ASTM D6130<>2 0 <1 <1 Tin ppm ASTM D6130<>2 0 <1 <1 Zinc ppm ASTM D6130<>2 0 0 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 2 0 0 0 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 81335 5380 5320 Potassium ppm ASTM D6130 0 155 0 SCALE POTENTIAL method limit/base <t< td=""><td>Molybdenum</td><td>ppm</td><td>ASTM D6130</td><td>950</td><th>1200</th><td>1016</td><td>1030</td></t<>	Molybdenum	ppm	ASTM D6130	950	1200	1016	1030		
Aluminum ppm ASTM D6130 >2 <1 0 0 Copper ppm ASTM D6130 >2 0 <1 <1 Lead ppm ASTM D6130 >2 0 <1 <1 Lead ppm ASTM D6130 >2 0 <1 <1 Tin ppm ASTM D6130 >2 0 <1 <1 Zinc ppm ASTM D6130 >2 0 0 0 Zinc ppm ASTM D6130 >2 0 0 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 4 15 17 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 0 155 0 ScALE POTENTIAL method limit/base current history1 history2 <t< td=""><td>CORROSION</td><td></td><td>method</td><td>limit/base</td><th>current</th><td>history1</td><td>history2</td></t<>	CORROSION		method	limit/base	current	history1	history2		
Copper ppm ASTM D6130 >2 0 <1 <1 Lead ppm ASTM D6130 >2 0 <1	Iron	ppm	ASTM D6130	>2	1				
Lead ppm ASTM D6130 >2 0 <1 <1 Tin ppm ASTM D6130 >2 1 0 0 Zinc ppm ASTM D6130 >2 0 0 0 Zinc ppm ASTM D6130 >2 0 0 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 4 15 17 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 8135 5380 5320 Potassium ppm ASTM D6130 0 155 0 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 >5 <1	Aluminum	ppm	ASTM D6130	>2	<1	0	0		
Tim ppm ASTM D6130 >2 1 0 0 Zinc ppm ASTM D6130 >2 0 0 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 >2 0 0 0 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4 15 17 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4 15 5380 5320 Potassium ppm ASTM D6130 0 155 0 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 >5 <1 <1 <1		ppm					<1		
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CARRIER SALTSmethodlimit/basecurrenthistory1history2SodiumppmASTM D6130813553805320PotassiumppmASTM D613001550SCALE POTENTIALmethodlimit/basecurrenthistory1history2CalciumppmASTM D6130>5<1	CONTAMINANTS		method	limit/base	current	history1	history2		
Sodium ppm ASTM D6130 8135 5380 5320 Potassium ppm ASTM D6130 0 155 0 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 >5 <1 <1 <1	Chlorine	ppm	ASTM D6130		4	15	17		
Potassium ppm ASTM D6130 0 155 0 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 >5 <1 <1 <1	CARRIER SALTS		method	limit/base	current	history1	history2		
SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 >5 <1	Sodium	ppm	ASTM D6130		e 8135	5380	5320		
Calcium ppm ASTM D6130 >5 <1 <1	Potassium	ppm	ASTM D6130		0	• 155	0		
	SCALE POTENTI	AL	method	limit/base	current	history1	history2		
Magnesium ppm ASTM D6130 >6 0 <1 <1	Calcium	ppm	ASTM D6130	>5	<1	<1	<1		
	Magnesium	ppm	ASTM D6130	>6	0	<1	<1		



COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	Red
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

