

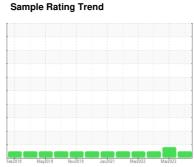
COOLANT REPORT



COLORADO/443/EG - SKID STEER 53.134L [COLORADO^443^EG - SKID STEER]

Coolant

EXTENDED LIFE COOLANT (--- GAL)







DIAGNOSIS

Recommendation

The fluid is suitable for further service. No corrective action is recommended at this time.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

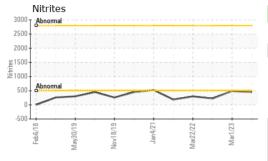
Coolant Condition

Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

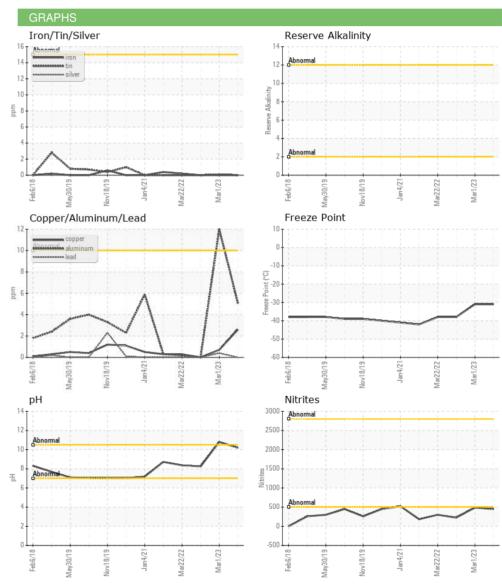
Sample Date Client Info 05 Oct 2023 01 Mar 2023 15 Sep 2022 Machine Age hrs Client Info 6075 5652 5278 Oil Age hrs Client Info 6075 5652 5278 Oil Changed Client Info Not Changd Not Based 48.4 48.4 41.4<	LANT (GAL)		FebZ018	May2019 Nov2019	Jan 2021 Mar 2022 1	Mar2023		
Sample Date Client Info 05 Oct 2023 01 Mar 2023 15 Sep 2022 Machine Age hrs Client Info 6075 5652 5278 Oil Age hrs Client Info 6075 5652 5278 Oil Changed Client Info Not Changd Astricted Sold Astricted Not Changd Astricted Astricted Astricted Astricted Astricted Astricted Astric	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Machine Age hrs Client Info 6075 5652 5278 Oil Age hrs Client Info 6075 5652 5278 Oil Changed Client Info Not Changd Not Changd Not Changd Sample Status NORMAL NORMAL ABNORMAL NORMAL PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity "ASTM D1287 1.0.65 1.065 1.065 1.069 pH Scale 0.44 ASTM D1287 1.0.2 10.8 8.224 Reserve Alkalinity Scale 0.20 ASTM D1287 1.0.2 10.8 8.224 Reserve Alkalinity Scale 0.20 ASTM D1291 Percentage Glycol % ASTM D3321 48.6 48.4 51.4 Freezing Point °F ASTM D3321 43.5 677.0 359.5 Carboxylate fail fail fail fail pass CORROSION INHIBITOR	Sample Number		Client Info		WC0859570	WC0766174	WC0718093	
Oil Age hrs Client Info 6075 5652 5278 Oil Changed Sample Status Client Info Not Changd Not State <th< td=""><td>Sample Date</td><td></td><td>Client Info</td><td></td><th>05 Oct 2023</th><td>01 Mar 2023</td><td>15 Sep 2022</td></th<>	Sample Date		Client Info		05 Oct 2023	01 Mar 2023	15 Sep 2022	
Oil Changed Sample Status Client Info Not Changd NORMAL Not Changd ABNORMAL Not Changd NORMAL Not State Not State	Machine Age	hrs	Client Info		6075	5652	5278	
NORMAL ABNORMAL NORMAL	Oil Age	hrs	Client Info		6075	5652	5278	
PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity "ASTM D1298 1.065 1.065 1.069 pH \$cale 0+14 ASTM D1287 10.2 10.8 8.25 Nitrites ppm AP-053:2009 448 488 224 Reserve Alkalinity Scale 0+20 "ASTM D1211 Percentage Glycol % ASTM D3321 48.6 48.4 51.4 Freezing Point °F ASTM D3321 -31 -31 -38 Total Dissolved Solids 475.5 677.0 359.5 G77.0 359.5 Carboxylate fail fail pass fail pass CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 120 0 0 0 Phosphorus ppm ASTM D6130 120 0 0 0 Born	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd	
Specific Gravity	Sample Status				NORMAL	ABNORMAL	NORMAL	
pH Scale 0-14 ASTM D1287 10.2 10.8 8.25 Nitrites ppm AP-053:2009 448 488 224 Reserve Alkalinity Scale 0-20 "ASTM D1121	PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2	
Nitrites	Specific Gravity		*ASTM D1298		1.065	1.065	1.069	
Reserve Alkalinity	рН	Scale 0-14	ASTM D1287		10.2	10.8	8.25	
Percentage Glycol % ASTM D3321 48.6 48.4 51.4 Freezing Point °F ASTM D3321 -31 -31 -38 Total Dissolved Solids 475.5 677.0 359.5 Carboxylate method limit/base current history1 history2 Silicon ppm ASTM D6130 <1 25 10 Phosphorus ppm ASTM D6130 120 0 0 Boron ppm ASTM D6130 <1 31 104 Molybdenum ppm ASTM D6130 921 1200 233 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 0 0 Aluminum ppm ASTM D6130 >10 3 <1 0 Copper ppm ASTM D6130 >10 3 <1 0 Lead ppm ASTM D6130 0	Nitrites	ppm	AP-053:2009		448	488	224	
Preezing Point	Reserve Alkalinity	Scale 0-20	*ASTM D1121					
Freezing Point	Percentage Glycol	%	ASTM D3321		48.6	48.4	51.4	
Carboxylate fail fail pass CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 <1	Freezing Point	°F	ASTM D3321		-31	-31	-38	
CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 <1	Total Dissolved Solids				475.5	677.0	359.5	
Silicon ppm ASTM D6130 120 0 0 0	Carboxylate				fail	fail	pass	
Phosphorus ppm ASTM D6130 120 0 0 Boron ppm ASTM D6130 <1	CORROSION INH	IBITORS	method	limit/base	current	history1	history2	
Boron	Silicon	ppm	ASTM D6130		<1	25	10	
Molybdenum ppm ASTM D6130 921 1200 233 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 0 0 Aluminum ppm ASTM D6130 >10 5 ▲ 12 0 Copper ppm ASTM D6130 >10 3 <1	<td>Phosphorus</td> <td>ppm</td> <td>ASTM D6130</td> <td></td> <th>120</th> <td>0</td> <td>0</td>	Phosphorus	ppm	ASTM D6130		120	0	0
CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 0 0 Aluminum ppm ASTM D6130 >10 5 ▲ 12 0 Copper ppm ASTM D6130 >10 3 <1	Boron	ppm	ASTM D6130		<1	31	104	
Iron ppm ASTM D6130 >15 0 0 0 Aluminum ppm ASTM D6130 >10 5 ▲ 12 0 Copper ppm ASTM D6130 >10 3 <1 0 Lead ppm ASTM D6130 >10 0 <1 0 Tin ppm ASTM D6130 >10 0 <1 0 Zinc ppm ASTM D6130 0 1 0 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 3 29 15 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2	Molybdenum	ppm	ASTM D6130		921	1200	233	
Aluminum ppm ASTM D6130 >10 5 12 0 Copper ppm ASTM D6130 >10 3 <1	CORROSION		method	limit/base	current	history1	history2	
Copper ppm ASTM D6130 >10 3 <1 0 Lead ppm ASTM D6130 >10 0 <1 0 Tin ppm ASTM D6130 >10 0 <1 0 Zinc ppm ASTM D6130 0 1 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 3 29 15 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	Iron	ppm	ASTM D6130	>15	0	0	0	
Lead ppm ASTM D6130 >10 0 <1 0 Tin ppm ASTM D6130 >10 0 <1	Aluminum	ppm	ASTM D6130	>10	5	<u>12</u>	0	
Tin ppm ASTM D6130 >10 0 <1 0 Zinc ppm ASTM D6130 0 1 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 3 29 15 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	Copper	ppm	ASTM D6130	>10	3	<1	0	
Zinc ppm ASTM D6130 0 1 0 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 3 29 15 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	Lead	ppm	ASTM D6130	>10	0	<1	0	
CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 3 29 15 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Tin	ppm	ASTM D6130	>10	0	<1	0	
Chlorine ppm ASTM D6130 3 29 15 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	Zinc	ppm	ASTM D6130		0	1	0	
CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	CONTAMINANTS	;	method	limit/base	current	history1	history2	
Sodium ppm ASTM D6130 4454 7025 3154 Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	Chlorine	ppm	ASTM D6130		3	29	15	
Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	CARRIER SALTS		method	limit/base	current	history1	history2	
Potassium ppm ASTM D6130 1481 1478 852 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1 0 0	Sodium	ppm	ASTM D6130		4454	7025	3154	
Calcium ppm ASTM D6130 <1 0 0	Potassium		ASTM D6130		1481	1478	852	
	SCALE POTENTI	AL	method	limit/base	current	history1	history2	
	Calcium	ppm	ASTM D6130		<1	0	0	
	Magnesium	ppm	ASTM D6130		<1	0	0	



COOLANT REPORT









Laboratory Sample No. Lab Number **Unique Number**

: WC0859570 : 05977886 : 10695181

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 12 Oct 2023 Diagnosed

: 18 Oct 2023 Diagnostician : Jonathan Hester

Test Package : COOL- (Additional Tests: COOL, ICP) 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.

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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)