

COOLANT REPORT

OKLAHOMA/102/EG - MOTOR GRADER

78.264 [OKLAHOMA^102^EG - MOTOR GRADER] Component Coolant

Sample Rating Trend

NORMAL

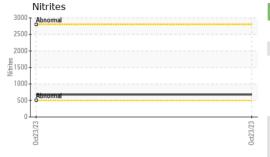
EXTENDED LIFE COOLANT (GAL)					Oct2023		
DIAGNOSIS	SAMPLE INFORM	MOITAN	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0862651		
The fluid is suitable for further service.	Sample Date		Client Info		23 Oct 2023		
Corrosion	Machine Age	hrs	Client Info		1916		
All metal levels are normal indicating no corrosion	Oil Age	hrs	Client Info		1916		
in the cooling system.	Oil Changed		Client Info		Not Changd		
Contaminants	Sample Status				NORMAL		
There is no indication of any contamination in the coolant.	PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Coolant Condition	Specific Gravity		*ASTM D1298		1.071		
Glycol and nitrite levels are acceptable. The pH	pH	Scale 0-14	ASTM D1287		7.99		
level of this fluid is within the acceptable limits.	Nitrites	ppm	AP-053:2009		676		
	Reserve Alkalinity	Scale 0-20	*ASTM D1121				
	Percentage Glycol	%	ASTM D3321		53.1		
	Freezing Point	°F	ASTM D3321		-43		
	Total Dissolved Solids				344.0		
	On who as a shade				4-:1		

Oil Age hrs Client Info 1916 Oil Changed Client Info Not Changd Sample Status NORMAL PHYSICAL TEST RESULTS method limit/base current history1 history2 Specific Gravity *ASTM D1287 7.99 PH Scale 0-14 ASTM D1287 7.99 Nitrites ppm AP-053:2009 676 Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 53.1 Freezing Point °F ASTM D3321 -43 Freezing Point °F ASTM D6130 344.0 Carboxylate fail CORROSION INHIBITORS method limit/base current history1	Sample Date		Client inio		23 OCI 2023		
Oil Changed Sample Status Client Info Not Changd NORMAL	Machine Age	hrs	Client Info		1916		
NORMAL	Oil Age	hrs	Client Info		1916		
PHYSICAL TEST RESULTS	Oil Changed		Client Info		Not Changd		
Specific Gravity	Sample Status				NORMAL		
Ph	PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Nitrites	Specific Gravity				1.071		
Reserve Alkalinity	•	Scale 0-14					
Percentage Glycol % ASTM D3321 53.1 Freezing Point °F ASTM D3321 -43 Total Dissolved Solids 344.0 Carboxylate fail CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 69 Phosphorus ppm ASTM D6130 0 Boron ppm ASTM D6130 0 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 COpper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	Nitrites	ppm	AP-053:2009		676		
Freezing Point	Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Total Dissolved Solids	Percentage Glycol	%	ASTM D3321		53.1		
Carboxylate fail CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 35 Phosphorus ppm ASTM D6130 69 Boron ppm ASTM D6130 0 Molybdenum ppm ASTM D6130 667 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	Freezing Point	°F	ASTM D3321		-43		
CORROSION INHIBITORS method limit/base current history1 history2 Silicon ppm ASTM D6130 35 Phosphorus ppm ASTM D6130 699 Boron ppm ASTM D6130 0 Molybdenum ppm ASTM D6130 667 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 Aluminum ppm ASTM D6130 >10 0 Aluminum ppm ASTM D6130 >10 2 Copper ppm ASTM D6130 >10 <1	Total Dissolved Solids				344.0		
Silicon	Carboxylate				fail		
Phosphorus ppm ASTM D6130 69 Boron ppm ASTM D6130 0 Molybdenum ppm ASTM D6130 667 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 Aluminum ppm ASTM D6130 >10 0 Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Boron	Silicon	ppm	ASTM D6130		35		
Molybdenum ppm ASTM D6130 667 CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 Aluminum ppm ASTM D6130 >10 0 Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	Phosphorus	ppm	ASTM D6130		69		
CORROSION method limit/base current history1 history2 Iron ppm ASTM D6130 >15 0 Aluminum ppm ASTM D6130 >10 0 Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	Boron	ppm	ASTM D6130		0		
Iron ppm ASTM D6130 >15 0 Aluminum ppm ASTM D6130 >10 0 Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	Molybdenum	ppm	ASTM D6130		667		
Aluminum ppm ASTM D6130 >10 0 Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	CORROSION		method	limit/base	current	history1	history2
Copper ppm ASTM D6130 >10 2 Lead ppm ASTM D6130 >10 <1	Iron	ppm	ASTM D6130	>15	0		
Lead ppm ASTM D6130 >10 <1 Tin ppm ASTM D6130 >10 <1	Aluminum	ppm	ASTM D6130	>10	0		
Tin ppm ASTM D6130 >10 <1 Zinc ppm ASTM D6130 <1 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 16 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4012 Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Copper	ppm	ASTM D6130	>10	2		
Zinc ppm ASTM D6130 <1 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 16 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4012 Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Lead	ppm	ASTM D6130	>10	<1		
Zinc ppm ASTM D6130 <1 CONTAMINANTS method limit/base current history1 history2 Chlorine ppm ASTM D6130 16 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4012 Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Tin		ASTM D6130	>10	<1		
Chlorine ppm ASTM D6130 16 CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4012 Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Zinc						
CARRIER SALTS method limit/base current history1 history2 Sodium ppm ASTM D6130 4012 Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	CONTAMINANTS	;	method	limit/base	current	history1	history2
Sodium ppm ASTM D6130 4012 Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Chlorine	ppm	ASTM D6130		16		
Potassium ppm ASTM D6130 476 SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	CARRIER SALTS		method	limit/base	current	history1	history2
SCALE POTENTIAL method limit/base current history1 history2 Calcium ppm ASTM D6130 <1	Sodium	ppm	ASTM D6130		4012		
Calcium ppm ASTM D6130 <1	Potassium	ppm	ASTM D6130		476		
The state of the s	SCALE POTENTI	AL	method	limit/base	current	history1	history2
	Calcium	ppm	ASTM D6130		<1		
	Magnesium		ASTM D6130		<1		

CARRIER SALTS		method			history1	history2
Sodium	ppm	ASTM D6130		4012		
Potassium	ppm	ASTM D6130		476		
SCALE POTENT	Al	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	mmadadd	<1		
Calcium Magnesium			mmo bacco		,	

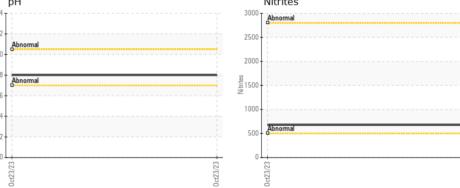


COOLANT REPORT





GRAPHS		
Iron/Tin/Silver	Reserve Alkalinity	
Abnormal iron	Abnormal	
** BRANCHARANANAN SIIVER	12 6	
	10- 	
	Akalir 8	
	Reserve Alkalinity	
	4	
	2 Abnormal	
	0	
0ct23,723	0 ct23/23	
Copper/Aluminum/Lead	Freeze Point	
copper aduminum	0	
PEN DESCRIPTION OF THE	-10	
	(C) + -20	
1	7. 20 - 1. 20	
	40	
	-50	
<u> </u>	-00	
0ct23/23	0ct23/23	
pH	Nitrites	
1	Abnormal	
Ahnormal	2500	
Abnormal	2000	
Abnormal		
Abnormal	ag 1500	







Laboratory Sample No. Lab Number Unique Number : 10723219

: WC0862651 : 05994859

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

: 03 Nov 2023

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

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T: F: