

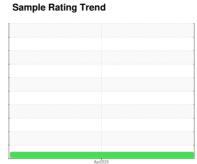
# **COOLANT REPORT**



KANSAS/44/EG - EXCAVATOR 20.147L [KANSAS^44^EG - EXCAVATOR]

Radiator Coolant

**EXTENDED LIFE COO** 





### Recommendation

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

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

## Contamination

There is no indication of any contamination in the coolant.

## Fluid Condition

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

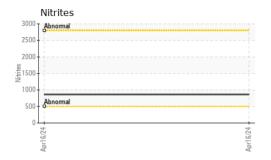
LANT ( GAL)				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0789834		
Sample Date		Client Info		16 Apr 2024		
Machine Age	hrs	Client Info		10		
Oil Age	hrs	Client Info		10		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method		NEG		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR				
Specific Gravity		*ASTM D1298		1.068		
oH.	Scale 0-14	ASTM D1287		7.99		
Nitrites	ppm	AP-053:2009		864		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		50.5		
Freezing Point	°F	ASTM D3321		-35		
Total Dissolved Solids	ı.	7101111 00021		318.0		
Carboxylate				fail		
CORROSION INH	IDITODS	method	limit/base	-	history1	
	IBITONS		IIIIII/Dase	current	HISTORY	history2
Silicon	ppm	ASTM D6130		4		
Phosphorus	ppm	ASTM D6130		5		
Boron	ppm	ASTM D6130		0		
Molybdenum	ppm	ASTM D6130		694		
CORROSION		method	limit/base	current	history1	history2
ron	ppm	ASTM D6130		<1		
Aluminum	ppm	ASTM D6130		2		
Copper	ppm	ASTM D6130		1		
Lead	ppm	ASTM D6130		<1		
Tin	ppm	ASTM D6130		<1		
Zinc	ppm	ASTM D6130		2		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		27		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		4073		
Potassium	ppm	ASTM D6130		50		
SCALE POTENTI		method	limit/base	current	history1	history2
		ASTM D6130				
Calcium	ppm	A21M D6130		9		

ppm ASTM D6130

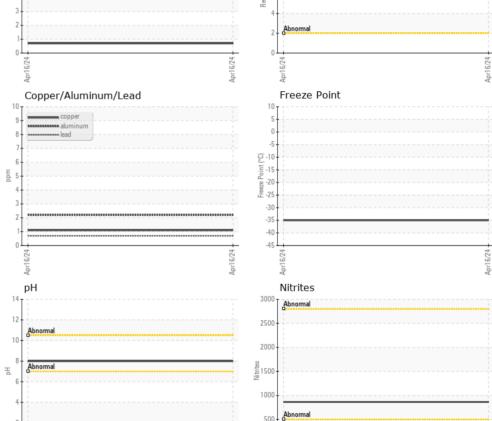
Magnesium



# **COOLANT REPORT**











Certificate 12367

Laboratory

Sample No. Lab Number : 06156548

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

: WC0789834 Unique Number : 10991971

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Received : 22 Apr 2024 **Tested** Diagnosed

: 23 Apr 2024 : 24 Apr 2024 - Jonathan Hester Test Package : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )

SHERWOOD CONSTRUCTION CO INC 3219 WEST MAY ST WICHITA, KS

US 67213 Contact: RANDY ROBERTS randy.roberts@sherwood.net T: (316)943-6491

\* - 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)

F: x: