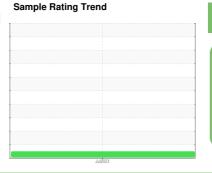


COOLANT REPORT



Coolant

CONVENTIONAL COOLANT (--- LTR)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) CONVENTIONAL COOLANT. Please confirm.

Corrosion

All component wear rates are normal.

Contaminants

There is no indication of any contamination in the coolant.

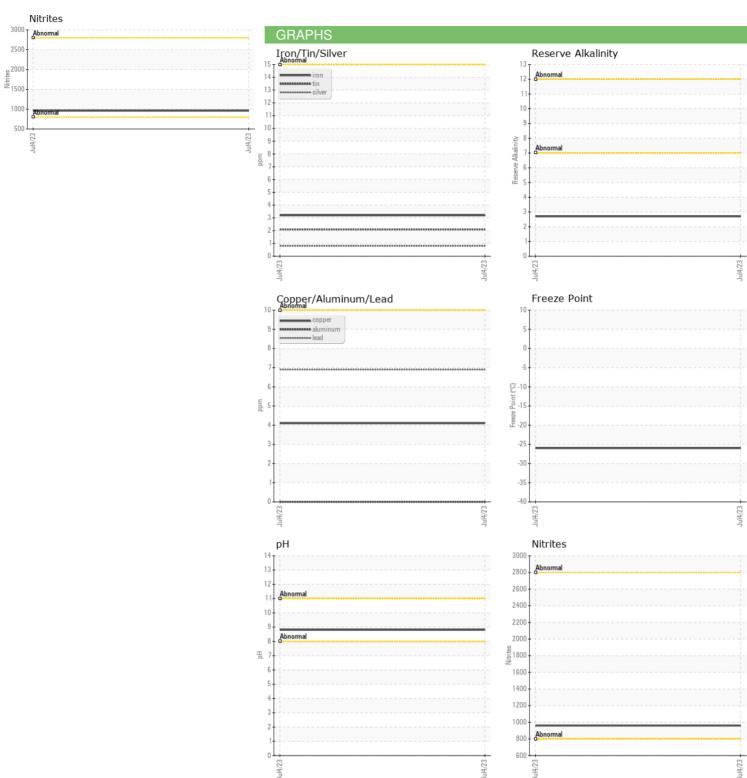
Coolant Condition

The condition of the coolant is acceptable for the time in service.

DLANT (LTR)				Jul2023		
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		PC0050461		
Sample Date		Client Info		04 Jul 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history 1	history 2
Specific Gravity		ASTM D1298*		1.063		
pH	Scale 0-14	ASTM D1287*	9.5	8.81		
Nitrites	ppm	Alcan Test Kit*	1500	960		
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	2.7		
Percentage Glycol	%	ASTM D3321*	50	46.4		
Freezing Point	°C	ASTM D3321*	-40	-26		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m)		62		
Phosphorus	ppm	ASTM D5185(m)		91		
Boron	ppm	ASTM D5185(m)		188		
Molybdenum	ppm	ASTM D5185(m)		51		
CORROSION		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185(m)	>15	3		
Aluminum	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>10	4		
Lead	ppm	ASTM D5185(m)	>10	7		
Tin	ppm	ASTM D5185(m)	>10	2		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		1		
CARRIER SAL	TS	method	limit/base	current	history 1	history 2
Sodium	ppm	ASTM D5185(m)		1554		
Potassium	ppm	ASTM D5185(m)		479		
SCALE POTEN	ITIAL	method	limit/base	current	history 1	history 2
Calcium	ppm	ASTM D5185(m)	>100	10		
Magnesium	ppm	ASTM D5185(m)	>40	1		
Hardness	mg/L CaCO3	In-house*	<75	30		
VISUAL		method	limit/base	current	history 1	history 2
Coolant Color		Visual*	Green	Green		
Coolant Appearance		Visual*	Clear	Clear		
Color					no image	no image
Bottom					no image	no image



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5605143

: PC0050461 : 02568097

Test Package : COOL

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 05 Jul 2023 Diagnosed : 05 Jul 2023

Diagnostician : Wes Davis

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.

Lakeshore Gold Timmins West

Timmins, ON CA Contact: Adam Koscielak adam.koscielak@HFSinclair.com

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