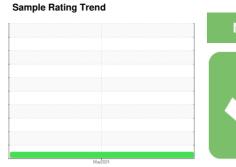


# **COOLANT REPORT**

Machine Id EX0356
Component
Coolant HYBRID (HOAT) COOLANT (25 LTR)





## DIAGNOSIS

#### Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor. ( Customer Sample Comment: Unknown coolant type )

### Corrosion

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

## Contaminants

There is no indication of any contamination in the coolant.

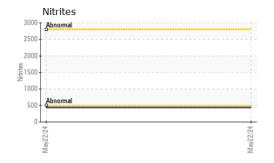
#### **Coolant Condition**

The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

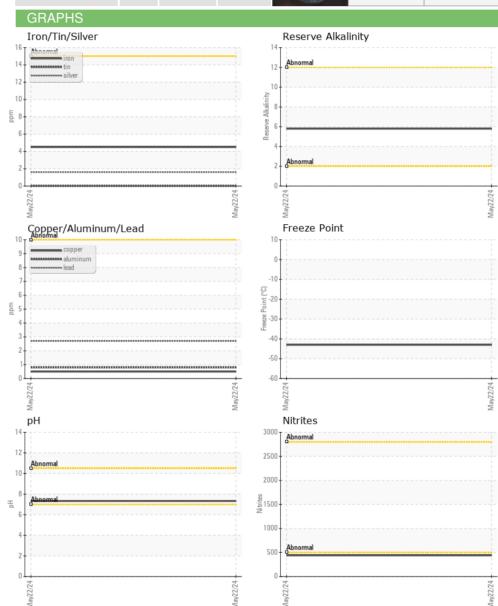
LANT (25 LIII)						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0113433		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		5728		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR		UNK		
Specific Gravity		ASTM D1298*		1.073		
рН	Scale 0-14	ASTM D1287*		7.33		
Nitrites	ppm	Alcan Test Kit*		440		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		5.8		
Percentage Glycol	%	ASTM D3321*		54.2		
Freezing Point	°C	ASTM D3321*		-43		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		13		
Phosphorus	ppm	ASTM D5185(m)		449		
Boron	ppm	ASTM D5185(m)		12		
Molybdenum	ppm	ASTM D5185(m)		21		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	4		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	<1		
Lead	ppm	ASTM D5185(m)	>10	3		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	2		
Zinc	ppm	ASTM D5185(m)		6		
CARRIER SAL	TS	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		3147		
Potassium	ppm	ASTM D5185(m)		5053		
SCALE POTEN	NTIAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	10		
Magnesium	ppm	ASTM D5185(m)	>40	3		
Hardness	mg/L CaCO3	In-house*	<75	37		



# **COOLANT REPORT**









CALA ISO 17025:2017 Accredited Laboratory

Report Id: GFL720 [WCAMIS] 02637306 (Generated: 05/27/2024 09:12:41) Rev: 1

Sample No.

Laboratory

: GFL0113433 Lab Number : 02637306 Unique Number : 5786468

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 720 - Lafleche - Landfill

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.

Received **Tested** Diagnosed

: 23 May 2024 : 27 May 2024

Test Package : COOL ( Additional Tests: GlycolType )

: 27 May 2024 - Kevin Marson

17125 Lafleche Road, Moose Creek, ON CA K0C 1W0 Contact: Charles Bergeron cbergeron@gflenv.com T: (613)538-4853

Validity of results and interpretation are based on the sample and information as supplied.

Submitted By: Charles Bergeron