COOL KIT

WEAR CHECK

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	ABNORMAL

Area
Mastron Enterprises
Machine Id
KOHLER GENERATOR Mastron 600
Component
Coolant
Fluid
FLEETGUARD ES COMPLEAT (--- GAL)

RECOMMENDATION

Recommend that you ensure the same technology coolant is being used for make-up. Resample at the next service interval to monitor.

CORROSION

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

CONTAMINANTS

There is no indication of any contamination in the coolant.

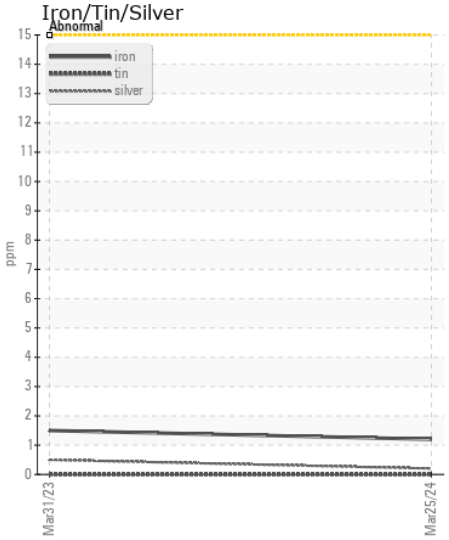
COOLANT CONDITION

The nitrite level is acceptable. The specific gravity is lower than typical indicating the addition of a different type of coolant. The pH level of this fluid is within the acceptable limits.

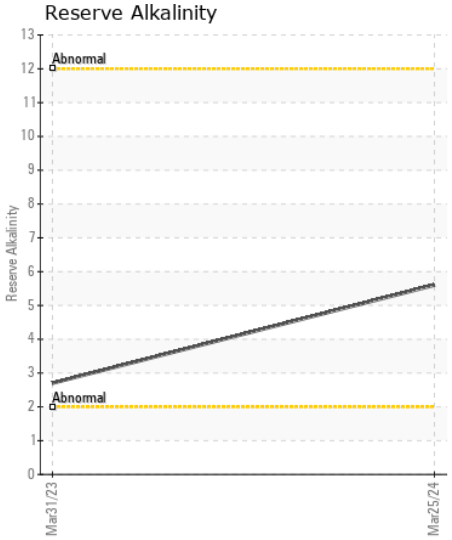
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**WC0870002**	WC0685452	---
Sample Date		Client Info		**25 Mar 2024**	31 Mar 2023	---
Machine Age	hrs	Client Info		**0**	0	---
Oil Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**N/A**	N/A	---
Sample Status				**ABNORMAL**	ABNORMAL	---
Iron	ppm	ASTM D5185(m)	>15	**1**	2	---
Aluminum	ppm	ASTM D5185(m)	>10	**<1**	<1	---
Copper	ppm	ASTM D5185(m)	>10	**3**	4	---
Lead	ppm	ASTM D5185(m)	>10	**0**	<1	---
Tin	ppm	ASTM D5185(m)	>10	**0**	0	---
Silver	ppm	ASTM D5185(m)	>10	**<1**	<1	---
Zinc	ppm	ASTM D5185(m)	>10	**1**	1	---
Calcium	ppm	ASTM D5185(m)	>100	**4**	6	---
Magnesium	ppm	ASTM D5185(m)	>40	**1**	3	---
Appearance	scalar	Visual*	NORML	**NORML**	NORML	---
Odor	scalar	Visual*	NORML	**NORML**	NORML	---
Coolant Appearance		Visual*	Clear	**Clear**	Clear	---
Boiling Point	°C	WC Method*		**105**	---	---
Specific Gravity		ASTM D1298*	1.07	▲ **1.049**	▲ 1.049	---
pH	Scale 0-14	ASTM D1287*	10.5	**9.55**	9.79	---
Nitrites	ppm	Alcan Test Kit*		**960**	1080	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	**5.6**	2.7	---
Percentage Glycol	%	ASTM D3321*		**36.1**	36.1	---
Freezing Point	°C	ASTM D3321*	-37	**-21**	-5	---
Carboxylate				**---**	---	---
Silicon	ppm	ASTM D5185(m)		**38**	118	---
Phosphorus	ppm	ASTM D5185(m)		**49**	57	---
Boron	ppm	ASTM D5185(m)		**129**	147	---
Molybdenum	ppm	ASTM D5185(m)		**11**	3	---
Sodium	ppm	ASTM D5185(m)		**1236**	1081	---
Potassium	ppm	ASTM D5185(m)		**208**	261	---
Coolant Color		Visual*	Blue	**Green**	Green	---

Nitrites

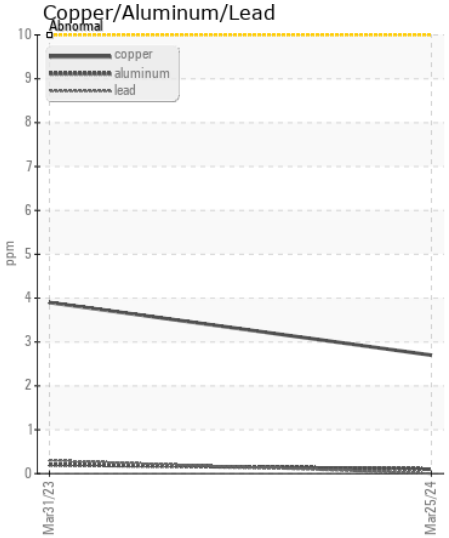
Iron/Tin/Silver



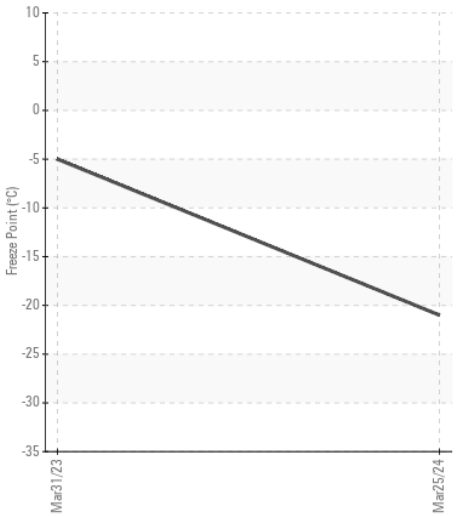
Reserve Alkalinity



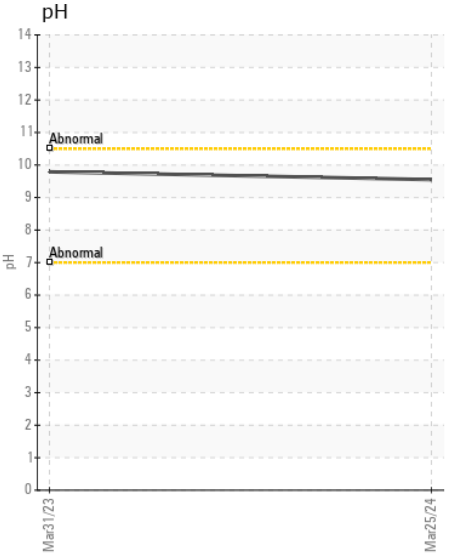
Copper/Aluminum/Lead



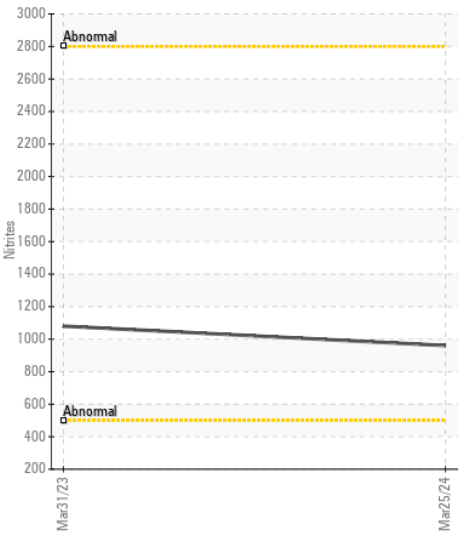
Freeze Point



pH



Nitrites



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0870002 **Received** : 28 Mar 2024
Lab Number : 02625466 **Tested** : 28 Mar 2024
Unique Number : 5750585 **Diagnosed** : 01 Apr 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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.

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