



COOLANT REPORT

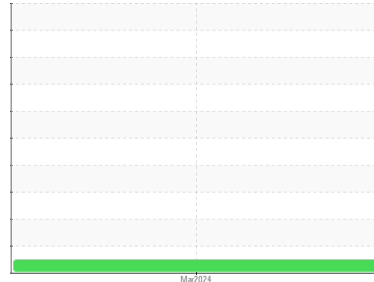
Sample Rating Trend

NORMAL



Area
Toromont Energies Ch #1 [GTT224-330]
Machine Id
TRANE U16J57898(1)

Component
Coolant
Fluid
CONVENTIONAL COOLANT (--- GAL)



DIAGNOSIS

Recommendation

The fluid is suitable for further service. 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 pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GTT0002166	---	---
Sample Date	Client Info		14 Mar 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			NORMAL	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		EG	---	---
Specific Gravity	ASTM D1298*		1.063	---	---
pH	Scale 0-14	ASTM D1287*	9.5	---	---
Nitrites	ppm	Alcan Test Kit*	1500	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	---	---
Percentage Glycol	%	ASTM D3321*	50	---	---
Freezing Point	°C	ASTM D3321*	-40	---	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	67	---	---
Phosphorus	ppm	ASTM D5185(m)	53	---	---
Boron	ppm	ASTM D5185(m)	355	---	---
Molybdenum	ppm	ASTM D5185(m)	134	---	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	1	---
Aluminum	ppm	ASTM D5185(m)	>10	1	---
Copper	ppm	ASTM D5185(m)	>10	<1	---
Lead	ppm	ASTM D5185(m)	>10	0	---
Tin	ppm	ASTM D5185(m)	>10	0	---
Silver	ppm	ASTM D5185(m)	>10	2	---
Zinc	ppm	ASTM D5185(m)		0	---



CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		2761	---
Potassium	ppm	ASTM D5185(m)		226	---

SCALE POTENTIAL

	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	36	---

COOLANT REPORT

VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Green	Pink	---	---
Coolant Appearance	Visual*	Clear	---	---	---
Color				no image	no image
Bottom				no image	no image
GRAPHS					



Sample No. : GTT0002166
Lab Number : 02624044
Unique Number : 5749163
Test Package : COOL (Additional Tests: GlycolType, TAN Man)
To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26.
Test denoted () outside scope of accreditation, (m) method modified, (e) tested at external lab.*
Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.

Received : 22 Mar 2024
Tested : 26 Mar 2024
Diagnosed : 26 Mar 2024 - Bill Quesnel

Cimco Refrigeration
 1551 Corporate Drive
 Burlington, ON
 CA L7L 6M3
 Contact: Service Manager
 cimcoap@toromont.com
 T: (416)465-7581
 F: