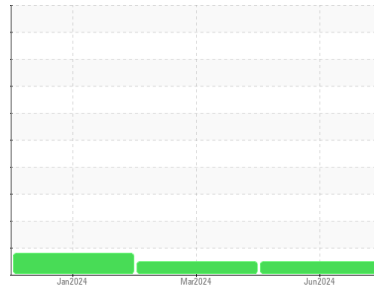




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
MERCEDES C6-B

Component
Coolant
Fluid
VALVOLINE ZEREX G-05 ANTI-FREEZE (--- 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. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0940240	WC0914019	WC0891338
Sample Date	Client Info			11 Jun 2024	11 Mar 2024	03 Jan 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			UNK	UNK	---
Specific Gravity	ASTM D1298*	1.060		1.069	1.069	1.070
pH	Scale 0-14	ASTM D1287*	8.0	7.38	7.47	7.22
Nitrites	ppm	Alcan Test Kit*		1600	1280	1080
Reserve Alkalinity	Scale 0-20	ASTM D1121*	10.0	7.2	7.2	6.9
Percentage Glycol	%	ASTM D3321*	50	51.8	51.9	52.7
Freezing Point	°C	ASTM D3321*	-36	-39	-39	-40
Carboxylate				---	---	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	240	75	56	48
Phosphorus	ppm	ASTM D5185(m)	0	27	17	12
Boron	ppm	ASTM D5185(m)		1455	1653	1626
Molybdenum	ppm	ASTM D5185(m)		<1	11	0

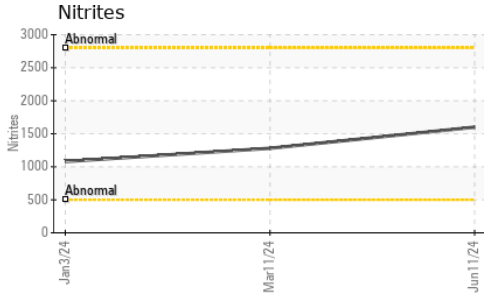
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	1	0	0
Aluminum	ppm	ASTM D5185(m)	>10	1	1	<1
Copper	ppm	ASTM D5185(m)	>10	<1	3	▲ 19
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1	<1
Zinc	ppm	ASTM D5185(m)		2	2	0

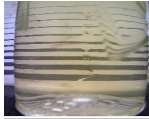



CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		8231	10455	10195
Potassium	ppm	ASTM D5185(m)		60	243	329

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	6	9	6
Magnesium	ppm	ASTM D5185(m)	>40	2	<1	2
Hardness	mg/L CaCO3	In-house*	<75	20	27	21

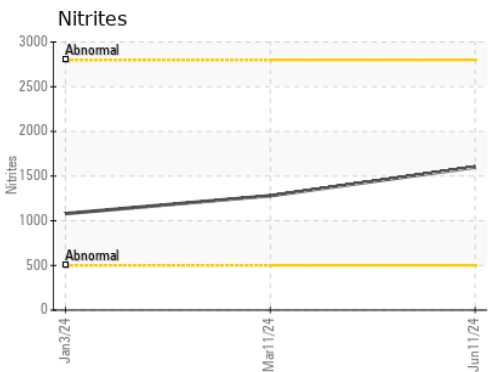
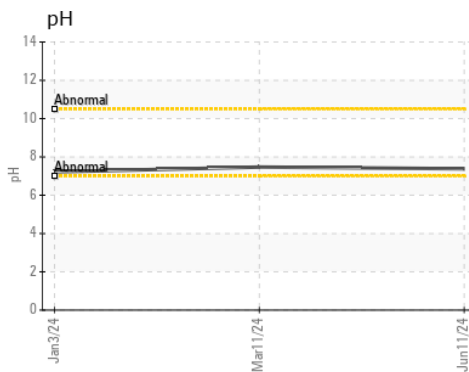
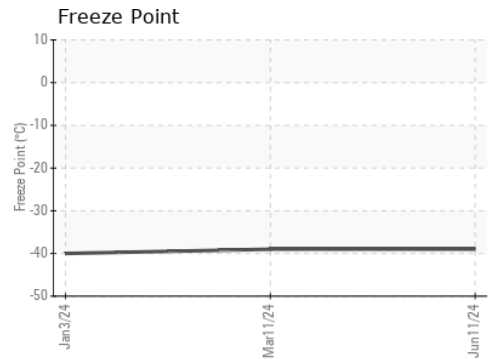
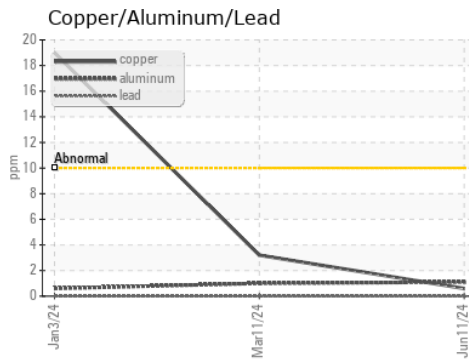
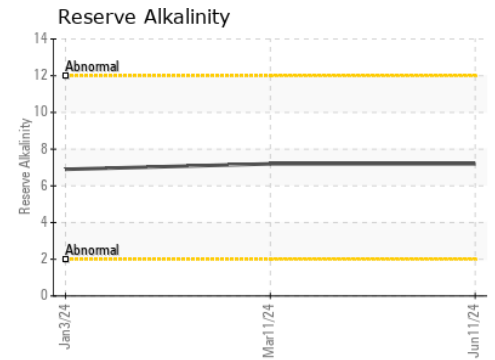
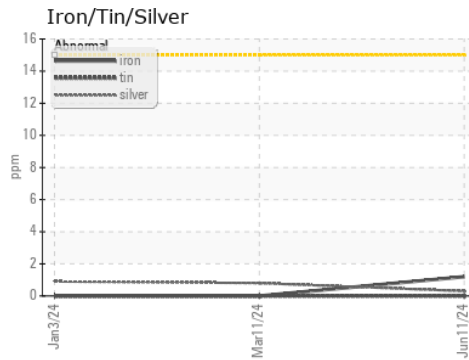


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Yello	Yellow	Grn/Yellow	Green
Coolant Appearance	Visual*	Clear	Clear	Clear	Clear
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0940240 **Received** : 13 Jun 2024
Lab Number : 02641860 **Tested** : 14 Jun 2024
Unique Number : 5799399 **Diagnosed** : 14 Jun 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

TransitNext M&R Inc
 3110 Albion Road North
 Ottawa, ON
 CA K1V 9V9
 Contact: Glenn Skilton
 Glenn.Skilton@atkinsrealis.com
 T: (613)907-7100
 F:

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.