



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
FORD MOTOR COMPANY [301817]

Machine Id
528100496

Component
Coolant
Fluid
HYBRID (HOAT) COOLANT (--- GAL)

RECOMMENDATION

The fluid is suitable for further service. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0020104	WA0019769	WA0018014
Sample Date		Client Info		31 May 2024	30 May 2023	04 May 2022
Machine Age	hrs	Client Info		966	881	814
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	3	3
Aluminum	ppm	ASTM D5185(m)	>10	<1	<1	2
Copper	ppm	ASTM D5185(m)	>10	0	2	2
Lead	ppm	ASTM D5185(m)	>10	0	1	1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	0	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<1	<1	1

CONTAMINANTS

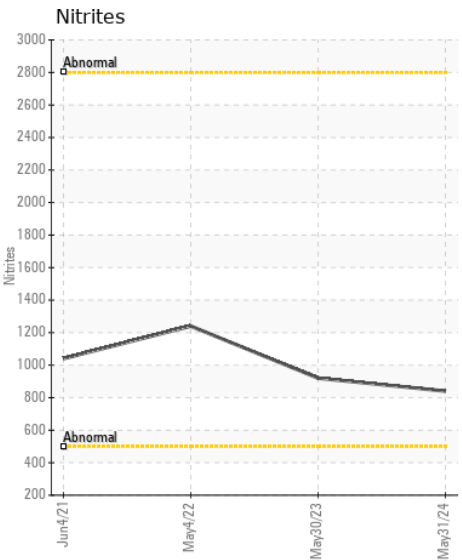
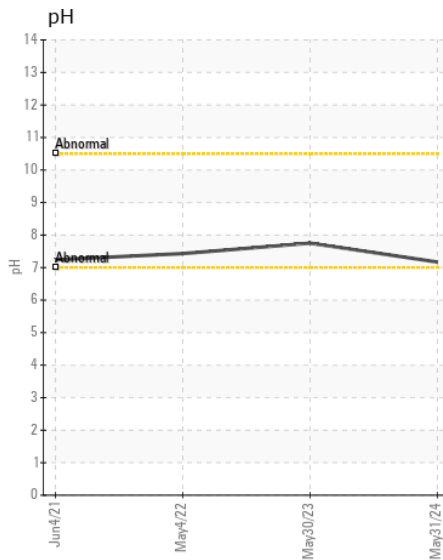
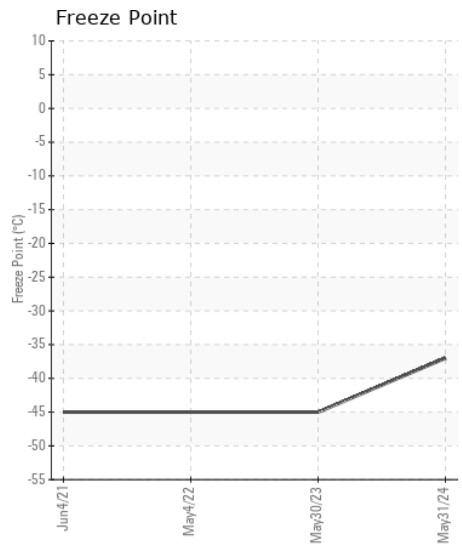
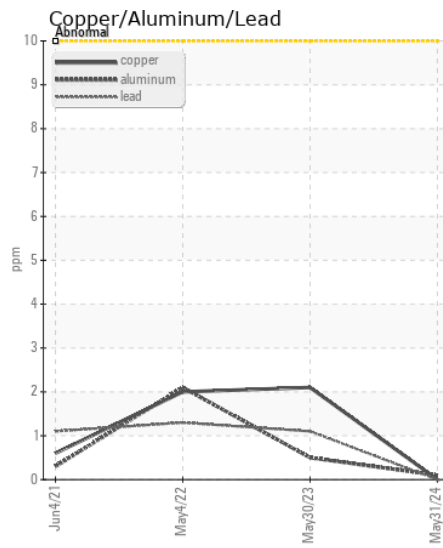
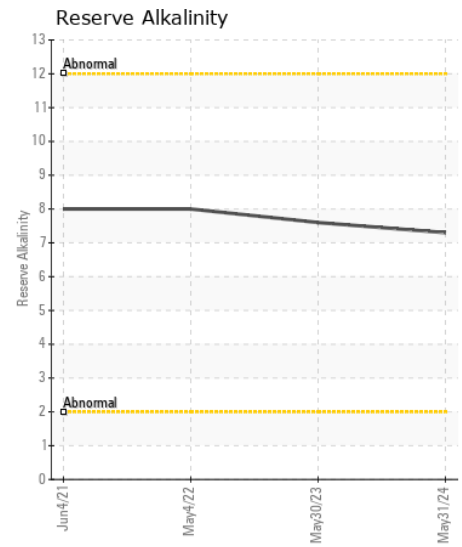
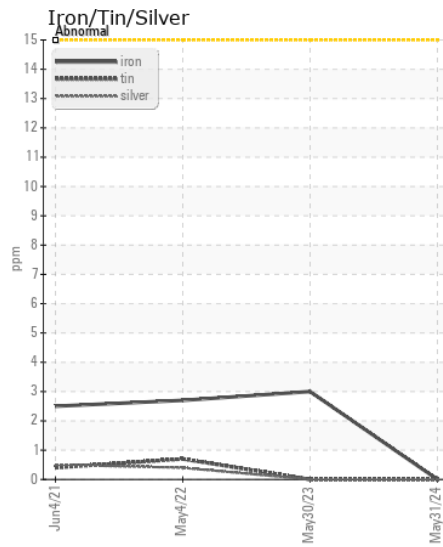
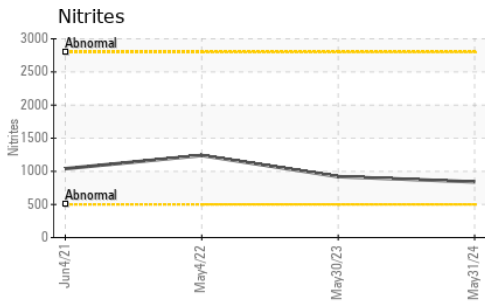
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	6	8
Magnesium	ppm	ASTM D5185(m)	>40	2	2	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	Clear	Clear

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.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.068	1.073	1.073
pH	Scale 0-14	ASTM D1287*		7.17	7.75	7.43
Nitrites	ppm	Alcan Test Kit*		840	920	1240
Reserve Alkalinity	Scale 0-20	ASTM D1121*		7.3	7.6	8.0
Percentage Glycol	%	ASTM D3321*		50.7	54.8	54.4
Freezing Point	°C	ASTM D3321*		-37	-45	-45
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		39	47	43
Phosphorus	ppm	ASTM D5185(m)		20	34	23
Boron	ppm	ASTM D5185(m)		278	1196	1314
Molybdenum	ppm	ASTM D5185(m)		75	2	1
Sodium	ppm	ASTM D5185(m)		4493	3796	2507
Potassium	ppm	ASTM D5185(m)		1116	131	110
Coolant Color		Visual*		Grn/Yellow	Grn/Yellow	Grn/Yellow



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020104 **Received** : 03 Jul 2024
Lab Number : 02645328 **Tested** : 05 Jul 2024
Unique Number : 5802867 **Diagnosed** : 05 Jul 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.