



COOLANT REPORT

Sample Rating Trend

NORMAL



Area
[98879]
 Machine Id
NDMC (S/N 75956688)
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) EXTENDED LIFE COOLANT. Please confirm.

Corrosion

All component wear rates are normal.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The condition of the coolant is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	CU0021072	---	---
Sample Date	Client Info	10 Oct 2023	---	---
Machine Age	hrs Client Info	268	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.065	---	---
pH	Scale 0-14 ASTM D1287*	8.08	---	---
Nitrites	ppm Alcan Test Kit*	1600	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121*	6.7	---	---
Percentage Glycol	% ASTM D3321*	48.5	---	---
Freezing Point	°C ASTM D3321*	-31	---	---
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	40	---	---
Phosphorus	ppm ASTM D5185(m)	966	---	---
Boron	ppm ASTM D5185(m)	238	---	---
Molybdenum	ppm ASTM D5185(m)	383	---	---

CORROSION

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

CARRIER SALTS



method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	1315	---	---
Potassium	ppm ASTM D5185(m)	6610	---	---

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m) >100	<1	---	---
Magnesium	ppm ASTM D5185(m) >40	<1	---	---
Hardness	mg/L CaCO3 In-house* <75	3	---	---

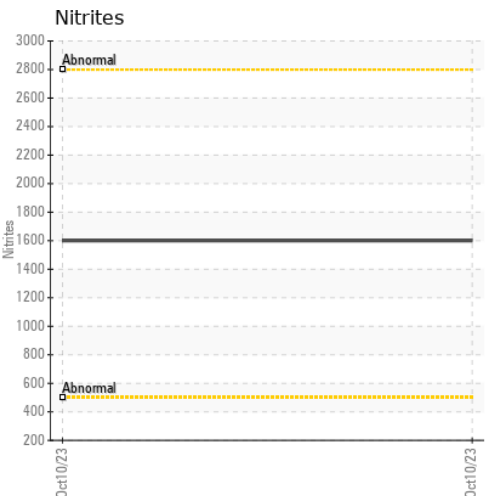
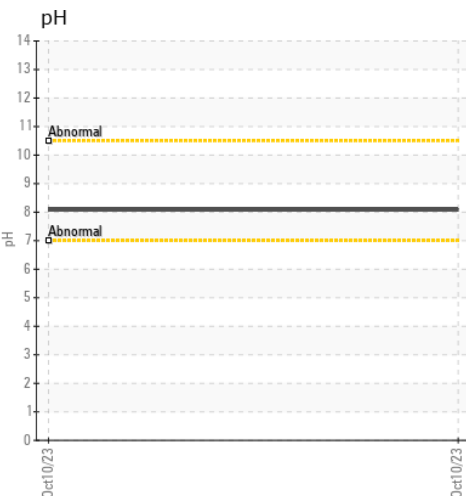
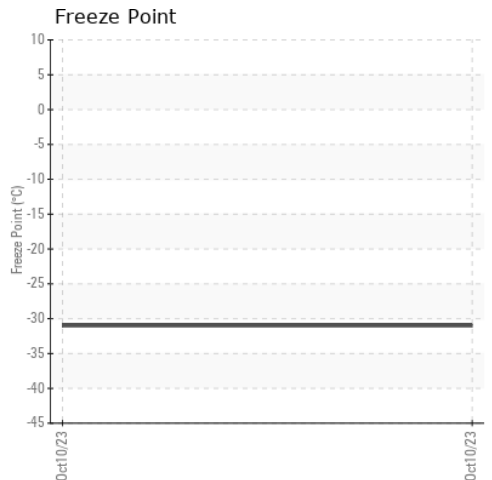
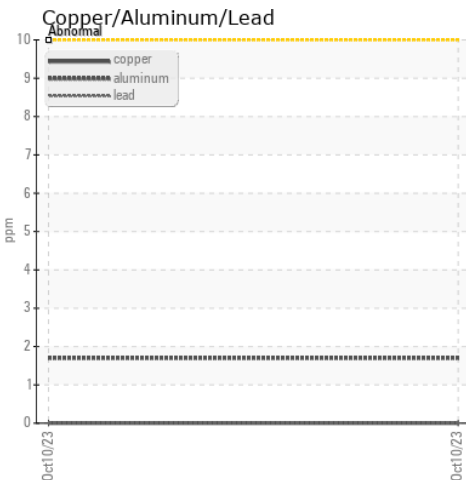
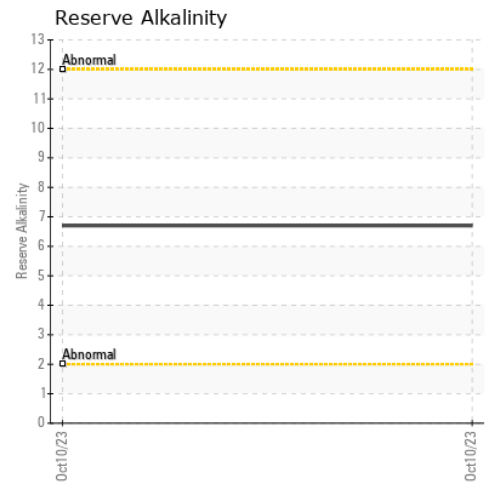
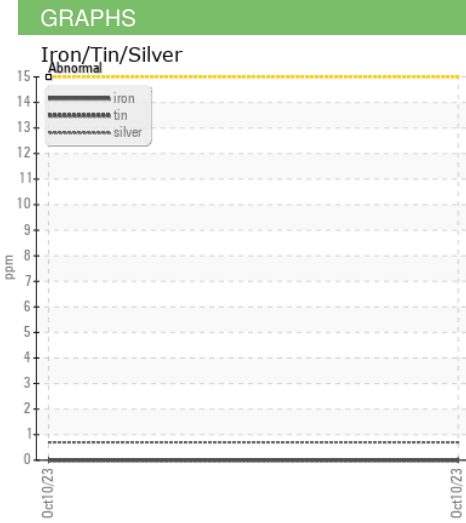
VISUAL

method	limit/base	current	history1	history2
Coolant Color	Visual* Orange/R	Blue	---	---
Coolant Appearance	Visual* Clear	Clear	---	---

Color		no image	no image
Bottom		no image	no image



COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0021072
Lab Number : 02588424
Unique Number : 5657490
Test Package : COOL

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Max Lauzon
 max.lauzon@cummins.com
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 F: (613)736-1202

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.