



COOLANT REPORT

Sample Rating Trend

WEAR

Area
{UNASSIGNED}
 Machine Id
KOHLER PAR Wind Farm 125REOZJG
 Component
Coolant
 Fluid
HYBRID (HOAT) COOLANT (--- GAL)



DIAGNOSIS

Recommendation

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. We recommend an early resample to monitor this condition.

Corrosion

Aluminum ppm levels are abnormal. The high metal levels indicate corrosion in the system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

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	WC0849204	---	---
Sample Date	Client Info	15 Aug 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.063	---	---
pH	Scale 0-14 ASTM D1287*	7.36	---	---
Nitrites	ppm Alcan Test Kit*	400	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121*	5.9	---	---
Percentage Glycol	% ASTM D3321*	46.8	---	---
Freezing Point	°C ASTM D3321*	-26	---	---
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	5	---	---
Phosphorus	ppm ASTM D5185(m)	8	---	---
Boron	ppm ASTM D5185(m)	1256	---	---
Molybdenum	ppm ASTM D5185(m)	<1	---	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >15	7	---	---
Aluminum	ppm ASTM D5185(m) >10	▲ 16	---	---
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)	6	---	---

CARRIER SALTS

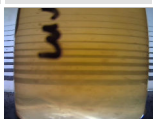

method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	7341	---	---
Potassium	ppm ASTM D5185(m)	177	---	---

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m) >100	5	---	---
Magnesium	ppm ASTM D5185(m) >40	1	---	---
Hardness	mg/L CaCO3 In-house* <75	17	---	---

VISUAL

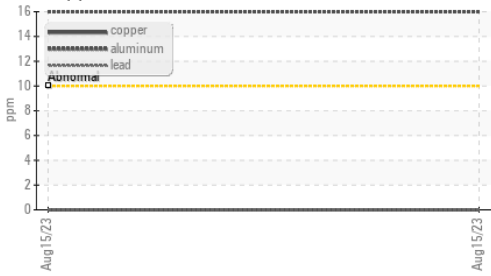
method	limit/base	current	history1	history2
Coolant Color	Visual*	Yellow	---	---
Coolant Appearance	Visual*	Clear	---	---

Color		no image	no image
Bottom		no image	no image



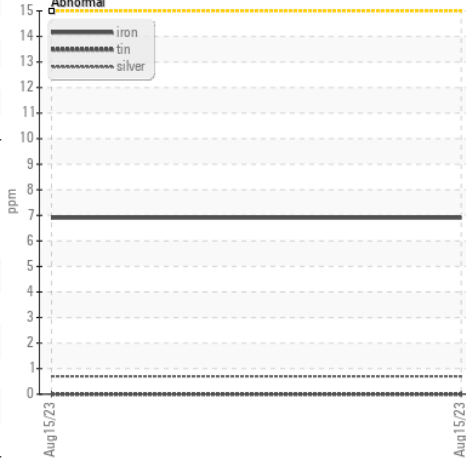
COOLANT REPORT

▲ Copper/Aluminum/Lead

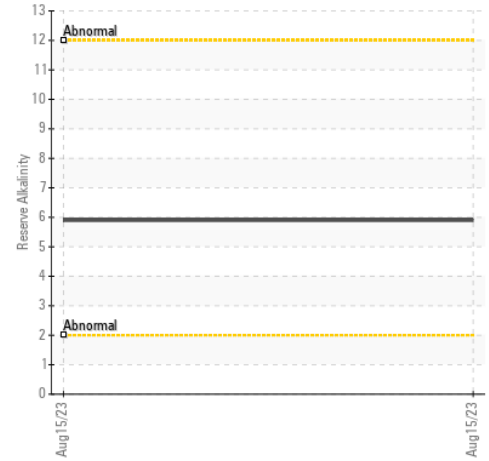


GRAPHS

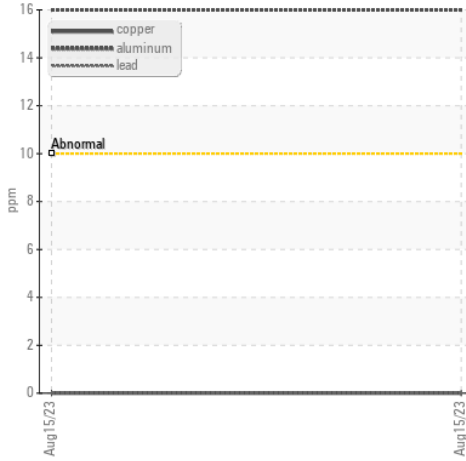
Iron/Tin/Silver



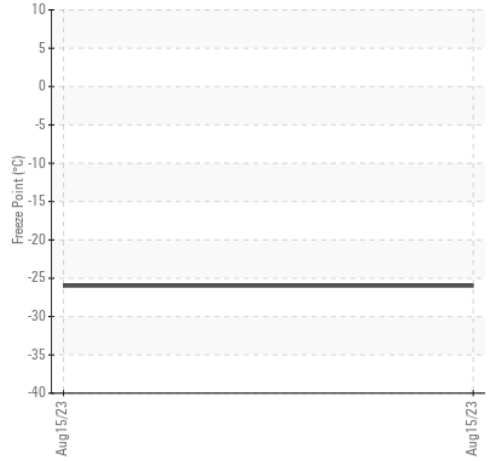
Reserve Alkalinity



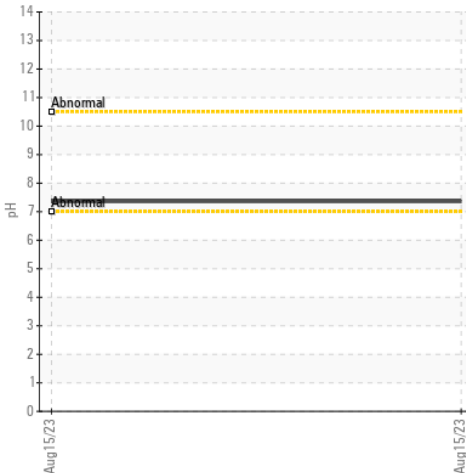
▲ Copper/Aluminum/Lead



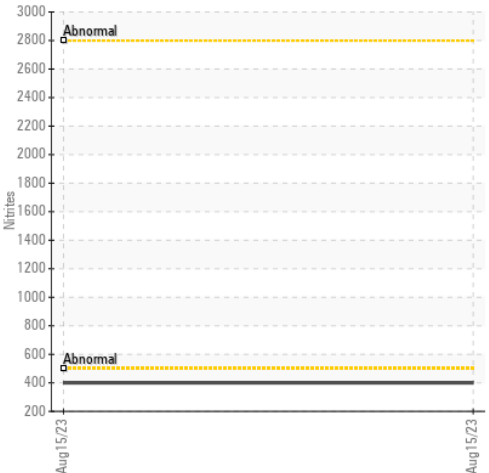
Freeze Point



pH



Nitrites



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0849204 **Received** : 24 Aug 2023
Lab Number : 02578266 **Diagnosed** : 28 Aug 2023
Unique Number : 5631326 **Diagnostician** : Kevin Marson
Test Package : COOL

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 1928 Road 3 East
 Kingsville, ON
 CA N9Y 2E5
 Contact: Dan Hammond
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 T: (519)564-2241
 F: (519)322-2916

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.