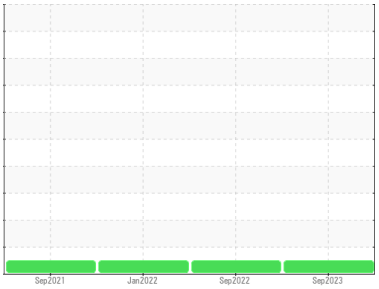
COOLANT REPORT

Sample Rating Trend



NORMAL

Machine Id
MTNGPBL02
Component
2 Coolant
Fluid
EXTENDED LIFE COOLANT (--- GAL)

DIAGNOSIS

Recommendation
The fluid is suitable for further service.

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
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0775120**	WC0675519	WC0566311
Sample Date		Client Info		**20 Sep 2023**	13 Sep 2022	10 Jan 2022
Machine Age	hrs	Client Info		**90518**	38540	90518
Oil Age	hrs	Client Info		**90518**	38540	0
Oil Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**NORMAL**	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		**1.069**	1.067	---
pH	Scale 0-14	ASTM D1287		**8.11**	8.68	9.17
Nitrites	ppm	AP-053:2009		**1052**	1840	788
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321		**51.9**	49.2	45
Freezing Point	°F	ASTM D3321		**-38**	-33	-25
Total Dissolved Solids				**343.5**	379.0	256.0
Carboxylate				**n/a**	pass	n/a

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		**76**	63	123
Phosphorus	ppm	ASTM D6130		**366**	1229	87
Boron	ppm	ASTM D6130		**236**	270	495
Molybdenum	ppm	ASTM D6130		**488**	325	13

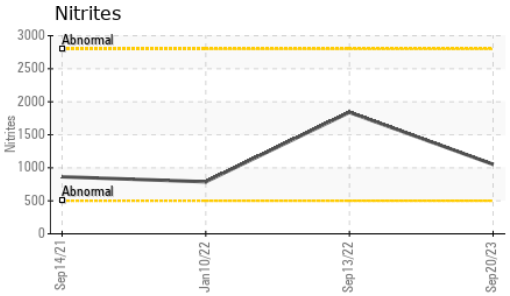
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	**4**	0	<1
Aluminum	ppm	ASTM D6130	>10	**<1**	0	0
Copper	ppm	ASTM D6130	>10	**<1**	1	<1
Lead	ppm	ASTM D6130	>10	**<1**	0	0
Tin	ppm	ASTM D6130	>10	**<1**	0	0
Zinc	ppm	ASTM D6130		**<1**	<1	<1

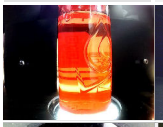
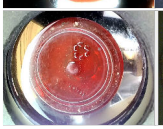
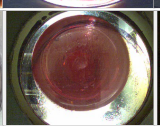
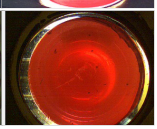
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**17**	8	<1

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		**2333**	2240	1767
Potassium	ppm	ASTM D6130		**6008**	1107	170

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		**2**	0	0
Magnesium	ppm	ASTM D6130		**<1**	1	0

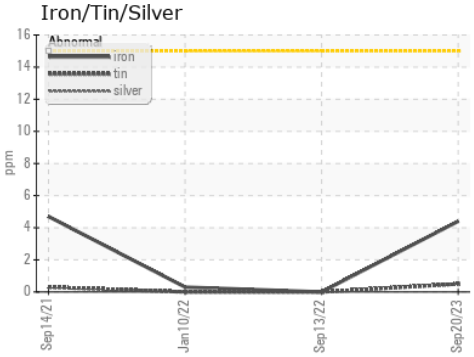
COOLANT REPORT



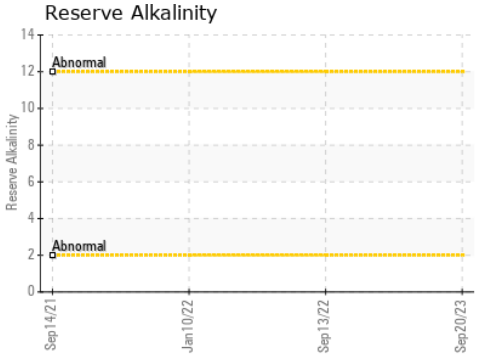
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual		**Red**	Pink	Pink
Coolant Appearance		*Visual	Clear	**normal**	normal	normal
Color						
Bottom						

GRAPHS

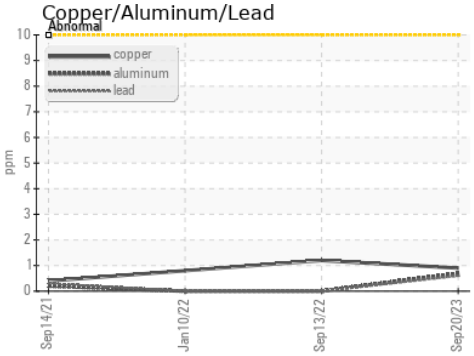
Iron/Tin/Silver



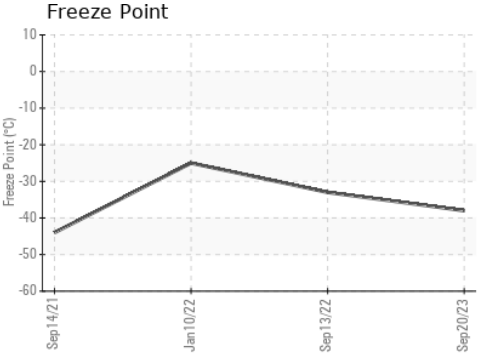
Reserve Alkalinity



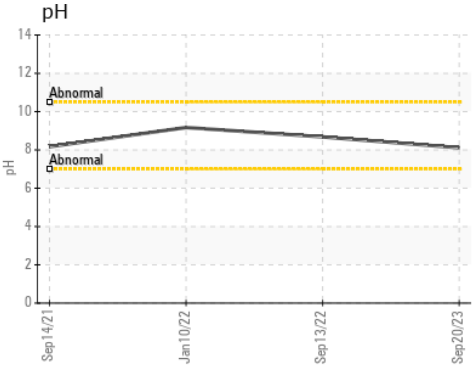
Copper/Aluminum/Lead



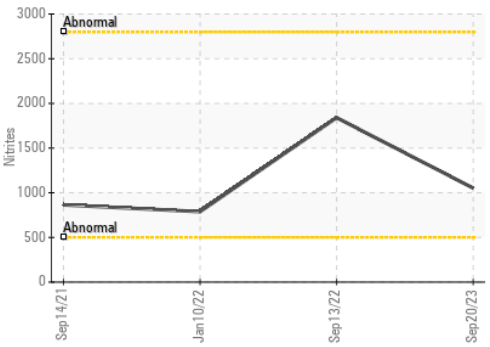
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0775120 **Received** : 22 Sep 2023
Lab Number : 05959318 **Diagnosed** : 26 Sep 2023
Unique Number : 10660531 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

To discuss this sample report, contact Customer Service at 1-800-237-1369.
** - Denotes test methods that are outside of the ISO 17025 scope of accreditation.*
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

EDL NA Recips-Morgantown
Morgantown Powerstation, 950 Shiloh
Morgantown, PA
US 19543
Contact: ARON GUNN
aron.gunn@edlenergy.com
T:
F:

Report Id: EDLMOR [WUSCAR] 05959318 (Generated: 09/30/2023 11:35:47) Rev: 1

Submitted By: Danny Hernandez