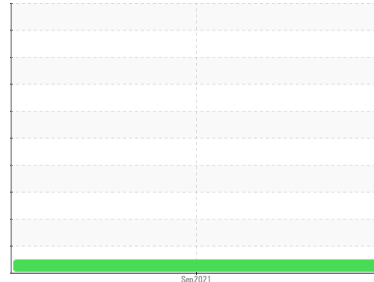




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Dorval
 Machine Id
DAMBACH SRC_02 (S/N 2602)
 Component
Front Gearbox
 Fluid
CLP HC 32 (4 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0599433	---	---
Sample Date	Client Info		20 Sep 2021	---	---
Machine Age	Client Info		19609	---	---
Oil Age	Client Info		0	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		58	---	---
Iron	ppm ASTM D5185(m)	>200	146	---	---
Chromium	ppm ASTM D5185(m)	>15	2	---	---
Nickel	ppm ASTM D5185(m)	>15	<1	---	---
Titanium	ppm ASTM D5185(m)		0	---	---
Silver	ppm ASTM D5185(m)		0	---	---
Aluminum	ppm ASTM D5185(m)	>25	<1	---	---
Lead	ppm ASTM D5185(m)	>100	0	---	---
Copper	ppm ASTM D5185(m)	>200	<1	---	---
Tin	ppm ASTM D5185(m)	>25	0	---	---
Antimony	ppm ASTM D5185(m)		0	---	---
Vanadium	ppm ASTM D5185(m)		0	---	---
Beryllium	ppm ASTM D5185(m)		0	---	---
Cadmium	ppm ASTM D5185(m)		0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)		1	---	---
Barium	ppm ASTM D5185(m)		0	---	---
Molybdenum	ppm ASTM D5185(m)		<1	---	---
Manganese	ppm ASTM D5185(m)		1	---	---
Magnesium	ppm ASTM D5185(m)		4	---	---
Calcium	ppm ASTM D5185(m)		1460	---	---
Phosphorus	ppm ASTM D5185(m)		576	---	---
Zinc	ppm ASTM D5185(m)		3	---	---
Sulfur	ppm ASTM D5185(m)		349	---	---
Lithium	ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

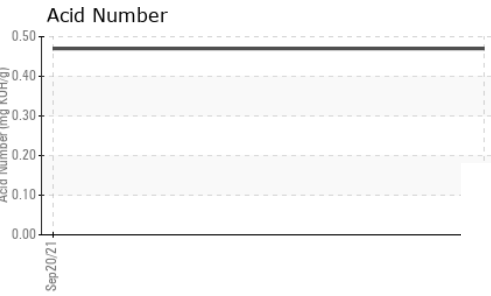
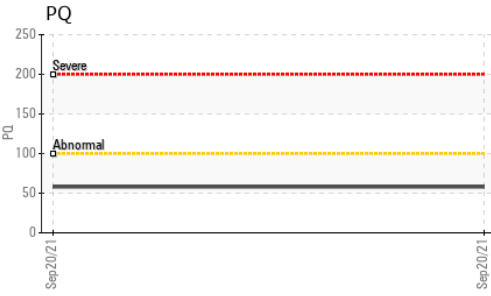
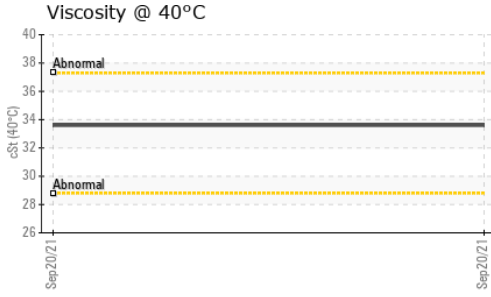
	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	>50	6	---	---
Sodium	ppm ASTM D5185(m)		2	---	---
Potassium	ppm ASTM D5185(m)	>20	<1	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974*		0.47	---	---



OIL ANALYSIS REPORT



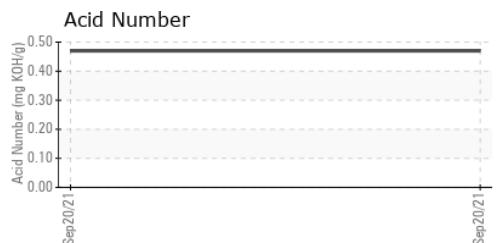
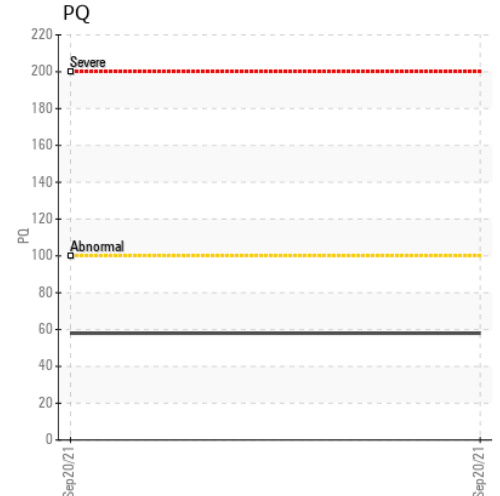
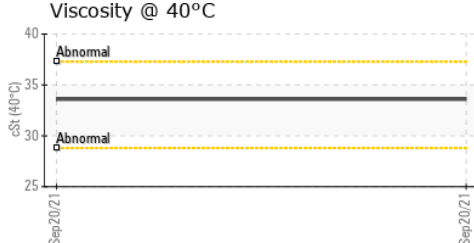
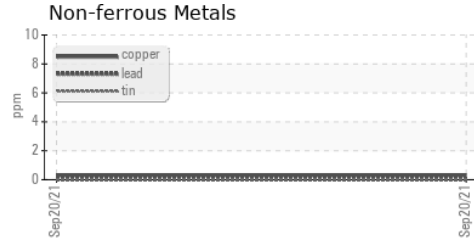
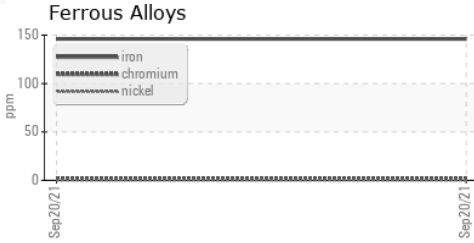
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	33.6	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0599433 **Received** : 24 Sep 2021
Lab Number : 02446222 **Diagnosed** : 27 Sep 2021
Unique Number : 5289757 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: TAN Man)

CONESTOGA COLD STORAGE
 10000 AVE RYAN
 DORVAL, QC
 CA H9P 1A2
 Contact: Robert Coste
 rcoste@coldstorage.com
 T: (514)518-1333
 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.