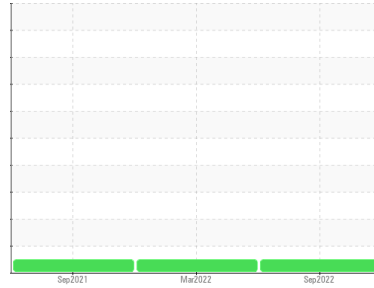




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
CHUDLEIGH [4501165847]
 Machine Id
FRICK COMP #1 (S/N 0468)
 Component
Screw Compressor
 Fluid
CIMCO TYPE A (100 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number			WC0741978	WC	WC0625503
Sample Date			19 Sep 2022	28 Mar 2022	16 Sep 2021
Machine Age	hrs		1071	0	27614
Oil Age	hrs		1071	0	27614
Oil Changed			Changed	N/A	Filtered
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history 1	history 2
PQ	ASTM D8184		0	0	0
Iron	ppm ASTM D5185(m)	>60	2	<1	1
Chromium	ppm ASTM D5185(m)	>4	0	0	0
Nickel	ppm ASTM D5185(m)		<1	<1	<1
Titanium	ppm ASTM D5185(m)		0	0	0
Silver	ppm ASTM D5185(m)		0	0	<1
Aluminum	ppm ASTM D5185(m)	>5	0	0	<1
Lead	ppm ASTM D5185(m)	>10	0	0	0
Copper	ppm ASTM D5185(m)	>30	0	0	<1
Tin	ppm ASTM D5185(m)	>15	0	0	0
Antimony	ppm ASTM D5185(m)		0	0	0
Vanadium	ppm ASTM D5185(m)		0	0	0
Beryllium	ppm ASTM D5185(m)		0	0	0
Cadmium	ppm ASTM D5185(m)		0	0	0

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm ASTM D5185(m)		0	<1	<1
Barium	ppm ASTM D5185(m)		3	0	1
Molybdenum	ppm ASTM D5185(m)		0	0	0
Manganese	ppm ASTM D5185(m)		0	0	0
Magnesium	ppm ASTM D5185(m)		0	<1	0
Calcium	ppm ASTM D5185(m)		0	<1	2
Phosphorus	ppm ASTM D5185(m)		0	0	0
Zinc	ppm ASTM D5185(m)		1	<1	2
Sulfur	ppm ASTM D5185(m)		10	8	31
Lithium	ppm ASTM D5185(m)		<1	<1	<1

CONTAMINANTS

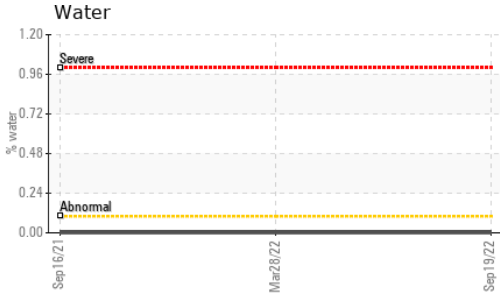
	method	limit/base	current	history 1	history 2
Silicon	ppm ASTM D5185(m)	>50	1	<1	<1
Sodium	ppm ASTM D5185(m)		0	0	0
Potassium	ppm ASTM D5185(m)	>20	0	<1	<1
Water	% ASTM D6304	>0.1	0.001	0.001	0.001
ppm Water	ppm ASTM D6304	>1000	2.9	11.0	5.0

FLUID DEGRADATION

	method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g ASTM D974		0.02	0.00	0.01



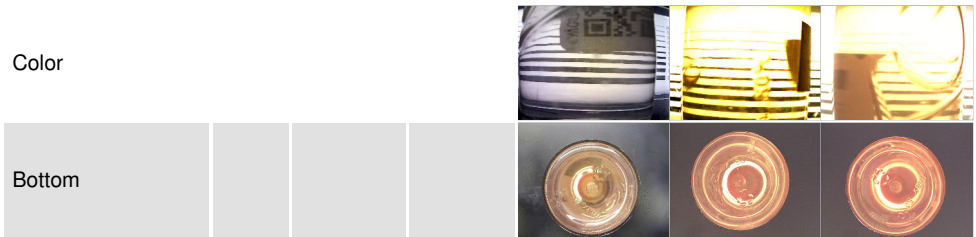
OIL ANALYSIS REPORT



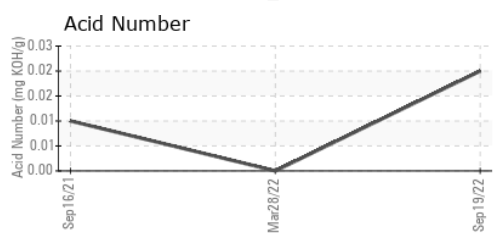
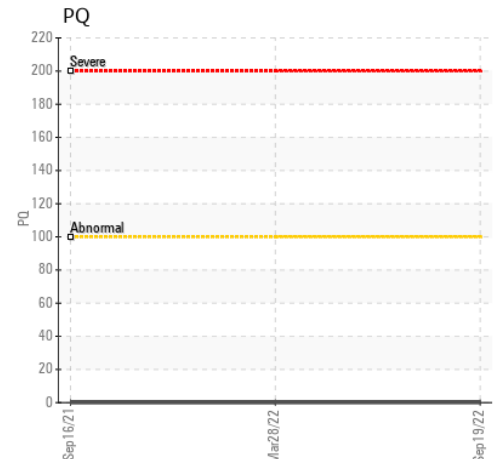
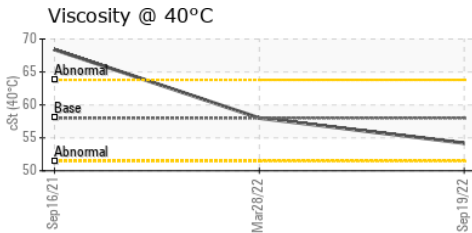
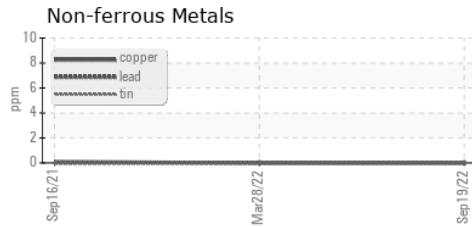
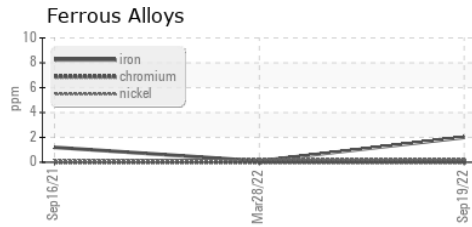
VISUAL	method	limit/base	current	history 1	history 2	
White Metal	scalar	Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	Visual	NONE	NONE	NONE	NONE
Silt	scalar	Visual	NONE	NONE	NONE	NONE
Debris	scalar	Visual	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual	NONE	NONE	NONE	NONE
Appearance	scalar	Visual	NORML	NORML	NORML	NORML
Odor	scalar	Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	Visual		NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D7279(m)	58	54.2	58.0	68.4

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC1234567 **Received** : 28 Sep 2022
Lab Number : **01234567** **Diagnosed** : 29 Sep 2022
Unique Number : 12345678 **Diagnostician** : Wes Davis
Test Package : IND 2 (Additional Tests: KF, TAN Man)
To discuss this sample report, contact Customer Service at 1-800-268-2131.
(m) Denotes a modified test method, (e) Denotes a test conducted using an external laboratory.

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