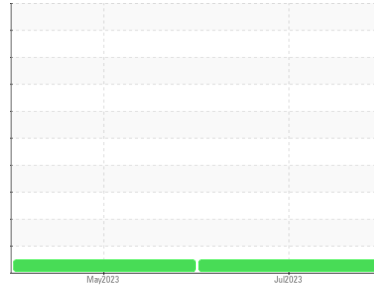




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
BLOWER #7 (S/N 7546)
 Component
Blower
 Fluid
AW HYDRAULIC OIL ISO 46 (300 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

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	history1	history2
Sample Number	Client Info			WC0840706	PP	---
Sample Date	Client Info			24 Jul 2023	10 May 2023	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	<1	0	---
Chromium	ppm	ASTM D5185(m)	>20	0	0	---
Nickel	ppm	ASTM D5185(m)	>20	0	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	0	<1	---
Lead	ppm	ASTM D5185(m)	>20	0	0	---
Copper	ppm	ASTM D5185(m)	>20	<1	0	---
Tin	ppm	ASTM D5185(m)	>20	0	0	---
Antimony	ppm	ASTM D5185(m)		0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	0	<1	---
Barium	ppm	ASTM D5185(m)	5	0	0	---
Molybdenum	ppm	ASTM D5185(m)	5	0	0	---
Manganese	ppm	ASTM D5185(m)		0	0	---
Magnesium	ppm	ASTM D5185(m)	25	10	9	---
Calcium	ppm	ASTM D5185(m)	200	57	59	---
Phosphorus	ppm	ASTM D5185(m)	300	378	386	---
Zinc	ppm	ASTM D5185(m)	370	449	437	---
Sulfur	ppm	ASTM D5185(m)	2500	990	1022	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

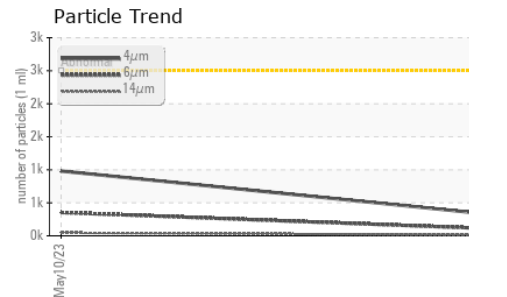
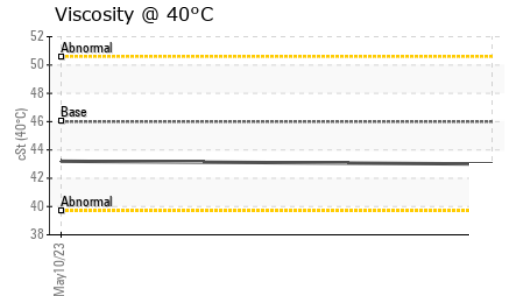
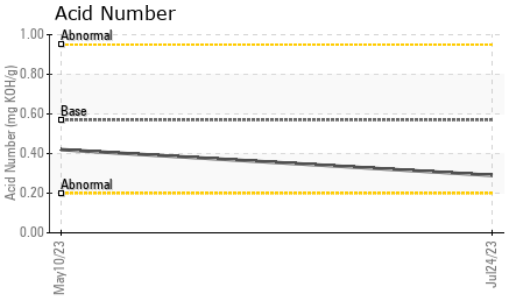
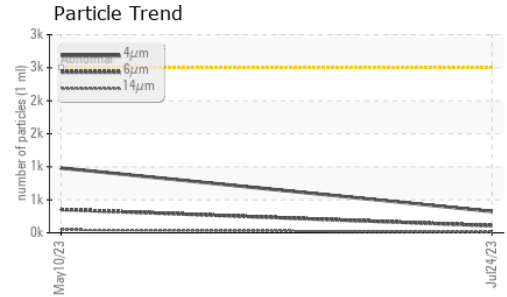
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	<1	1	---
Sodium	ppm	ASTM D5185(m)		0	0	---
Potassium	ppm	ASTM D5185(m)	>20	<1	0	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	323	981	---
Particles >6µm		ASTM D7647	>640	108	353	---
Particles >14µm		ASTM D7647	>80	10	46	---
Particles >21µm		ASTM D7647	>20	3	14	---
Particles >38µm		ASTM D7647	>4	0	1	---
Particles >71µm		ASTM D7647	>3	0	0	---
Oil Cleanliness		ISO 4406 (c)	>18/16/13	16/14/10	17/16/13	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.57	0.29	0.42	---



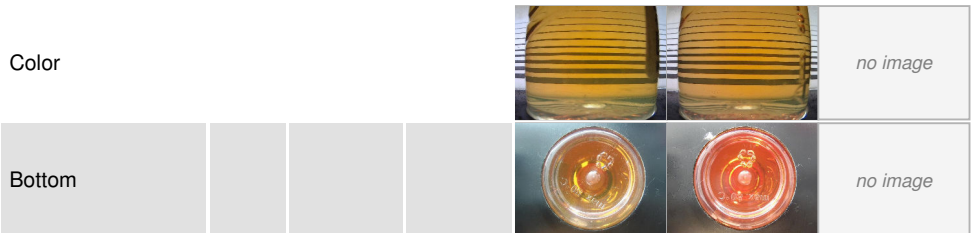
OIL ANALYSIS REPORT



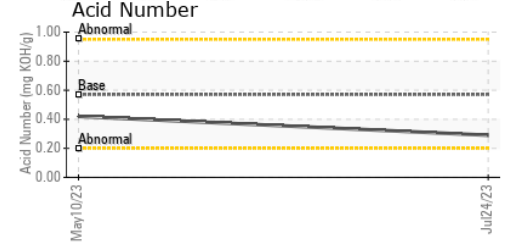
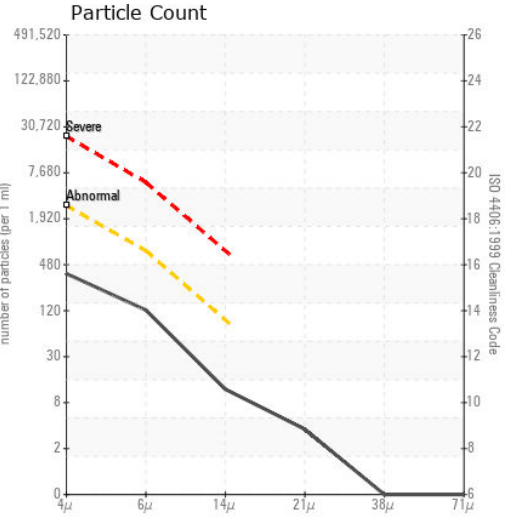
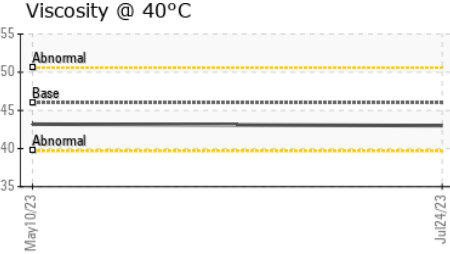
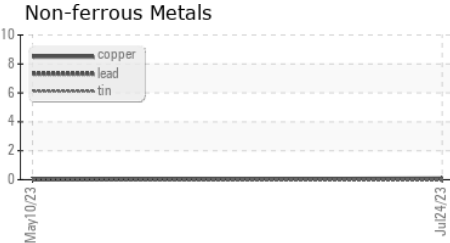
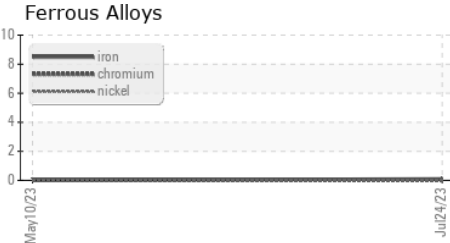
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	46	43.0	43.2

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 DUFFIN CREEK (YORK-DURHAM) WPCP
Sample No. : WC0840706 **Received** : 18 Aug 2023 **901 MCKAY ROAD**
Lab Number : 02576783 **Diagnosed** : 22 Aug 2023 **PICKERING, ON**
Unique Number : 5629843 **Diagnostician** : Wes Davis **CA L1W 3A3**
Test Package : IND 2

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.