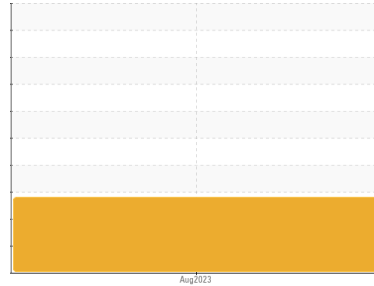


PROBLEM SUMMARY

Area
Infasco - I02400
 Machine Id
A2308081
 Component
Unknown Component
 Fluid
FORAN AND LUBE (--- GAL)

Sample Rating Trend

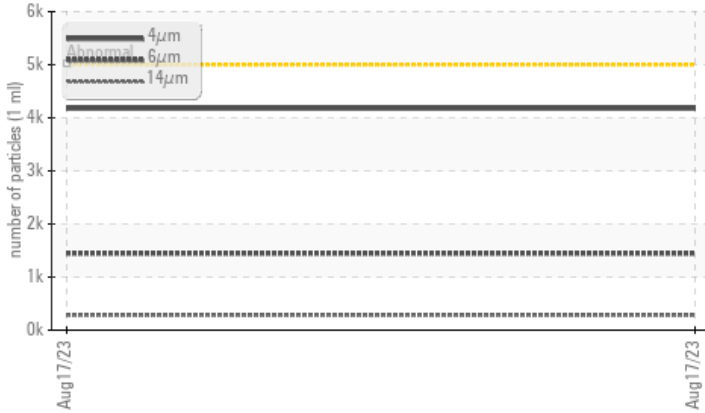


WEAR

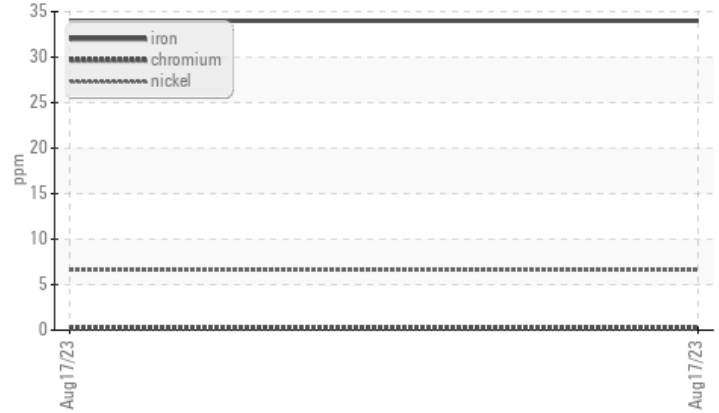


COMPONENT CONDITION SUMMARY

▲ Particle Trend



▲ Ferrous Alloys



RECOMMENDATION

This is a baseline read-out on the submitted sample.

PROBLEMATIC TEST RESULTS

Sample Status			ABNORMAL	---	---
Iron	ppm	ASTM D5185(m)	▲ 34	---	---
Particles >6µm		ASTM D7647 >1300	▲ 1447	---	---
Particles >14µm		ASTM D7647 >160	▲ 282	---	---
Particles >21µm		ASTM D7647 >40	▲ 138	---	---
Particles >38µm		ASTM D7647 >10	▲ 20	---	---
Oil Cleanliness		ISO 4406 (c) >19/17/14	▲ 19/18/15	---	---

Customer Id: CHECOB
 Sample No.: E30000105
 Lab Number: 02577813
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Tatiana Sorkina +1 (800)263-3939
tsorkina@e360s.ca

To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

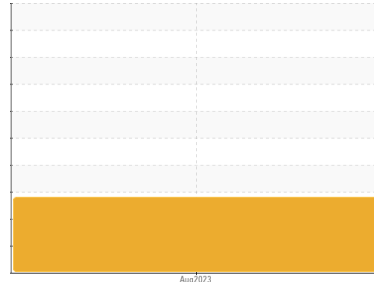
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
Infasco - I02400
 Machine Id
A2308081
 Component
Unknown Component
 Fluid
FORAN AND LUBE (--- GAL)

DIAGNOSIS

- ▲ **Recommendation**
This is a baseline read-out on the submitted sample.
- ▲ **Wear**
Copper and iron ppm levels are noted.
- ▲ **Contamination**
Particles >21µm are abnormally high. Particles >38µm are notably high. Particles >6µm are notably high. Particles >14µm and oil cleanliness are notably high.
- Fluid Condition**
{not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		E30000105	---	---
Sample Date	Client Info		17 Aug 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	▲ 34	---	---
Chromium	ppm	ASTM D5185(m)	<1	---	---
Nickel	ppm	ASTM D5185(m)	7	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	<1	---	---
Aluminum	ppm	ASTM D5185(m)	2	---	---
Lead	ppm	ASTM D5185(m)	7	---	---
Copper	ppm	ASTM D5185(m)	223	---	---
Tin	ppm	ASTM D5185(m)	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)	6	---	---
Barium	ppm	ASTM D5185(m)	0	---	---
Molybdenum	ppm	ASTM D5185(m)	<1	---	---
Manganese	ppm	ASTM D5185(m)	1	---	---
Magnesium	ppm	ASTM D5185(m)	54	---	---
Calcium	ppm	ASTM D5185(m)	946	---	---
Phosphorus	ppm	ASTM D5185(m)	589	---	---
Zinc	ppm	ASTM D5185(m)	506	---	---
Sulfur	ppm	ASTM D5185(m)	4354	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

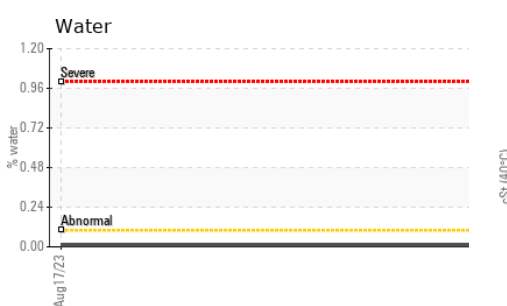
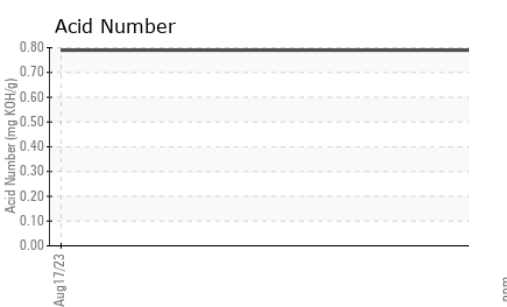
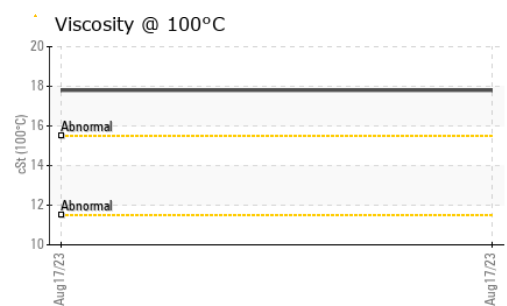
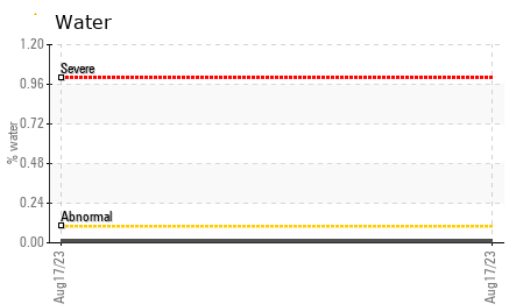
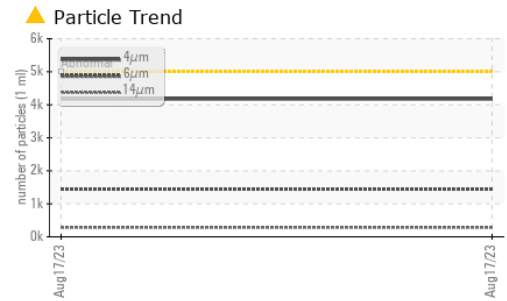
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	2	---	---
Sodium	ppm	ASTM D5185(m)	11	---	---
Potassium	ppm	ASTM D5185(m)	>20	---	---
Water	%	ASTM D6304*	0.010	---	---
ppm Water	ppm	ASTM D6304*	103.3	---	---

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	4176	---	---
Particles >6µm	ASTM D7647	>1300	▲ 1447	---	---
Particles >14µm	ASTM D7647	>160	▲ 282	---	---
Particles >21µm	ASTM D7647	>40	▲ 138	---	---
Particles >38µm	ASTM D7647	>10	▲ 20	---	---
Particles >71µm	ASTM D7647	>3	1	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 19/18/15	---	---

OIL ANALYSIS REPORT



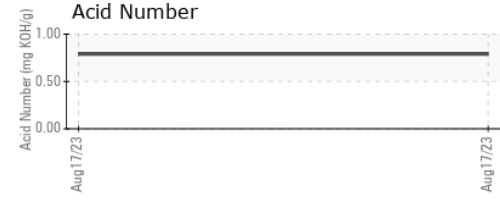
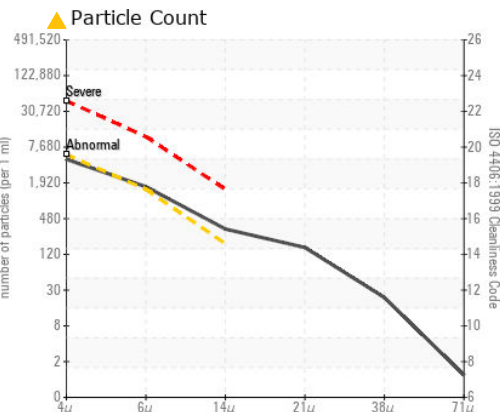
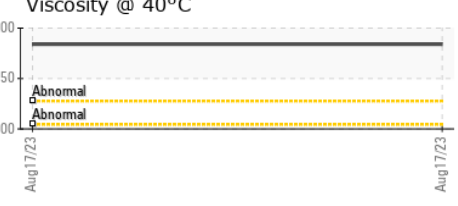
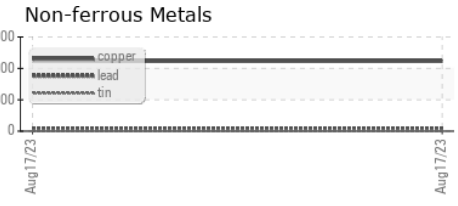
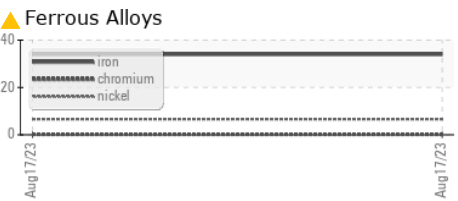
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		0.79	---	---

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	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		184	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		17.8	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		105	---	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30000105 **Received** : 23 Aug 2023
Lab Number : **02577813** **Diagnosed** : 28 Aug 2023
Unique Number : 5630873 **Diagnostician** : Tatiana Sorkina
Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

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 Cobourg, ON
 CA K9A 5H5
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 tsorkina@e360s.ca
 T: (800)263-3939
 F: (905)373-4950

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.