

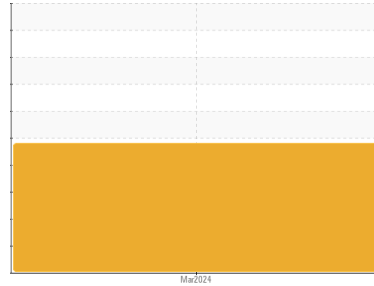
# PROBLEM SUMMARY

Sample Rating Trend

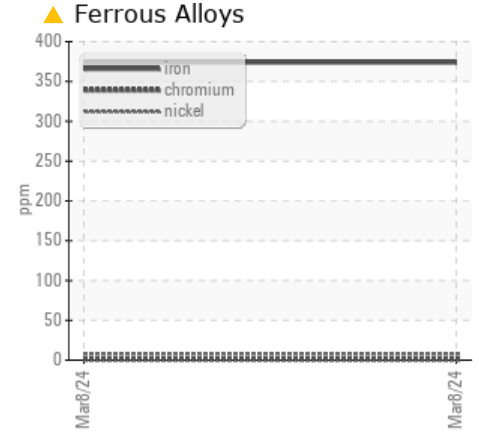
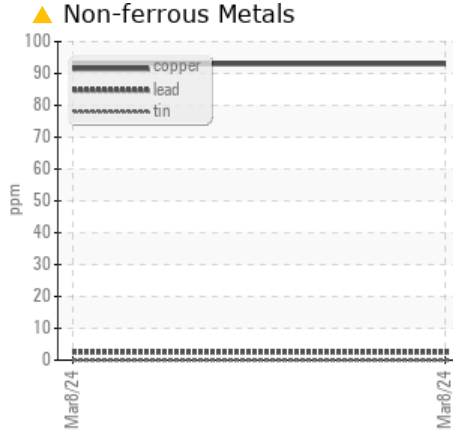
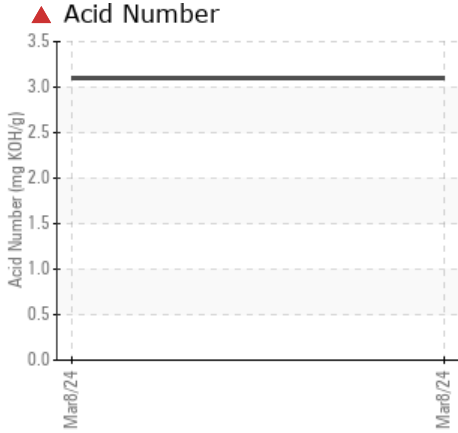
**DEGRADATION**



Area  
**Infasco - I02400**  
 Machine Id  
**A2403062**  
 Component  
**Unknown Component**  
 Fluid  
**{not provided} (--- GAL)**



## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

We certify this oil to be clean and dry. The total Acid Number (TAN) is higher than the recommended level of 2.0

## PROBLEMATIC TEST RESULTS

Sample Status			<b>SEVERE</b>	---	---
Iron	ppm	ASTM D5185(m)	<b>▲ 374</b>	---	---
Copper	ppm	ASTM D5185(m)	<b>▲ 93</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>▲ 3.10</b>	---	---

**Customer Id:** CHECOB  
**Sample No.:** E30001566  
**Lab Number:** 02621775  
**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  
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To change component or sample information:  
 Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

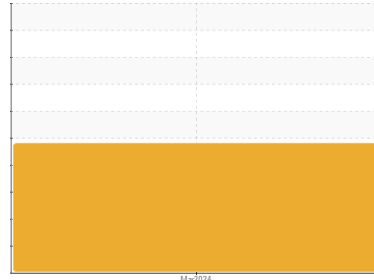
HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend

DEGRADATION



Area  
**Infasco - I02400**  
 Machine Id  
**A2403062**  
 Component  
**Unknown Component**  
 Fluid  
**{not provided} (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

We certify this oil to be clean and dry. The total Acid Number (TAN) is higher than the recommended level of 2.0

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		<b>2024 01 0900</b>	---	---
Department	Client Info		<b>Production</b>	---	---
Sample From	Client Info		<b>Machine</b>	---	---
Production Stage	Client Info		<b>Final</b>	---	---
Sent to WC	Client Info		<b>03/11/2024</b>	---	---
Sample Number	Client Info		<b>E30001566</b>	---	---
Sample Date	Client Info		<b>08 Mar 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>SEVERE</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	<b>▲ 374</b>	---	---
Chromium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>8</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	<b>4</b>	---	---
Lead	ppm	ASTM D5185(m)	<b>2</b>	---	---
Copper	ppm	ASTM D5185(m)	<b>▲ 93</b>	---	---
Tin	ppm	ASTM D5185(m)	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	---	---

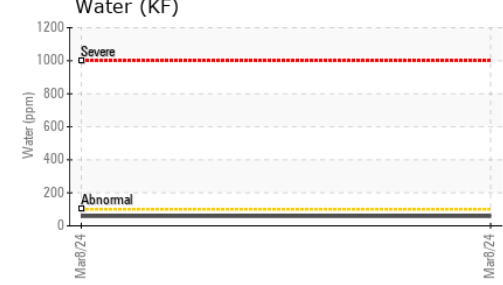
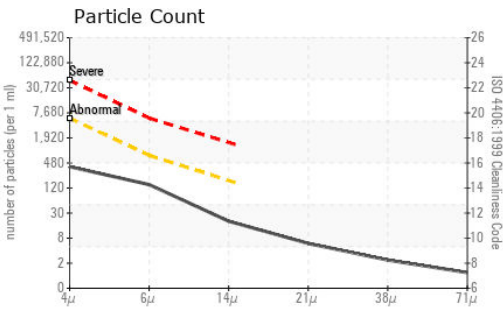
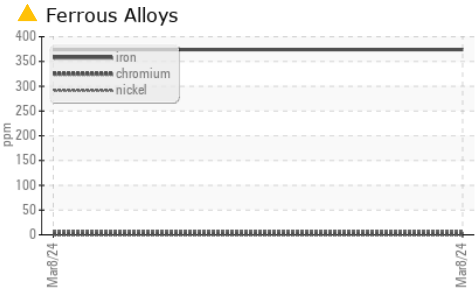
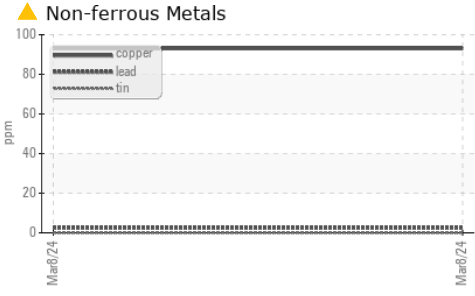
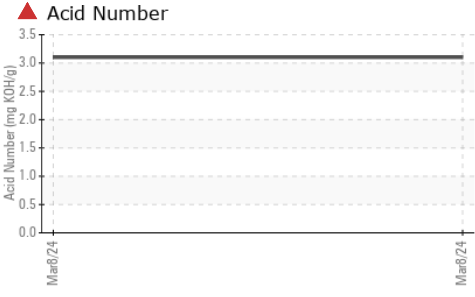
## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>4</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>56</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>428</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>419</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>275</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>2039</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>4</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>1</b>	---	---
Water	%	ASTM D6304*	<b>0.005</b>	---	---
ppm Water	ppm	ASTM D6304*	<b>58</b>	---	---

# OIL ANALYSIS REPORT



FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	<b>344</b>	---	---
Particles >6µm	ASTM D7647	>640	<b>128</b>	---	---
Particles >14µm	ASTM D7647	>160	<b>17</b>	---	---
Particles >21µm	ASTM D7647	>40	<b>5</b>	---	---
Particles >38µm	ASTM D7647	>10	<b>2</b>	---	---
Particles >71µm	ASTM D7647	>3	<b>1</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>19/16/14	<b>16/14/11</b>	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>▲ 3.10</b>	---	---

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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>193</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	<b>17.9</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	<b>100</b>	---	---

### SAMPLE IMAGES

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



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : E30001566 **Received** : 13 Mar 2024  
**Lab Number** : **02621775** **Tested** : 15 Mar 2024  
**Unique Number** : 5746894 **Diagnosed** : 18 Mar 2024 - Tatiana Sorkina  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, PrtCount, TAN Man, VI )

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To discuss this sample report, contact Customer Service at 1-905-372-2251.  
 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.