



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**Infasco - I02400**  
 Machine Id  
**A2312061**  
 Component  
**Unknown Component**  
 Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

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

**Wear**  
 Copper, iron and nickel ppm levels are noted.

**Contamination**  
 Silicon ppm levels are notably high. Potassium ppm levels are notably high.

**Fluid Condition**  
 Sodium ppm levels are notably high.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		<b>2023 12 0250</b>	---	---
Department	Client Info		<b>Production</b>	---	---
Sample From	Client Info		<b>Machine</b>	---	---
Production Stage	Client Info		<b>Initial</b>	---	---
Sent to WC	Client Info		<b>12/12/2023</b>	---	---
Sample Number	Client Info		<b>E30000918</b>	---	---
Sample Date	Client Info		<b>12 Dec 2023</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>NORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	<b>462</b>	---	---
Chromium	ppm	ASTM D5185(m)	<b>8</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>14</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m)	<b>5</b>	---	---
Lead	ppm	ASTM D5185(m)	<b>6</b>	---	---
Copper	ppm	ASTM D5185(m)	<b>167</b>	---	---
Tin	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Antimony	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>&lt;1</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>7</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>7</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>10</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>19</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>314</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>385</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>576</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>1580</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>25</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>42</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>35</b>	---	---

# OIL ANALYSIS REPORT

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

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.** : E30000918      **Recieved** : 14 Dec 2023  
**Lab Number** : **02603363**      **Diagnosed** : 19 Dec 2023  
**Unique Number** : 5696448      **Diagnostician** : Tatiana Sorkina  
**Test Package** : TEST ( Additional Tests: ICP )

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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.*