



# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**KEVIN H (S/N 020403)**  
 Component  
**Gearbox**  
 Fluid  
**GEAR OIL ISO 150 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL ISO 150. Please confirm. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

### Wear

All component wear rates are normal.

### Contamination

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	history1	history2
Sample Number	Client Info			<b>WC0813120</b>	---	---
Sample Date	Client Info			<b>25 Jun 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>NORMAL</b>	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.2	<b>NEG</b>	---	---

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		<b>8</b>	---	---
Iron	ppm	ASTM D5185(m)	>200	<b>389</b>	---	---
Chromium	ppm	ASTM D5185(m)	>15	<b>2</b>	---	---
Nickel	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>100	<b>29</b>	---	---
Copper	ppm	ASTM D5185(m)	>200	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>25	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	>5	<b>4</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>	---	---

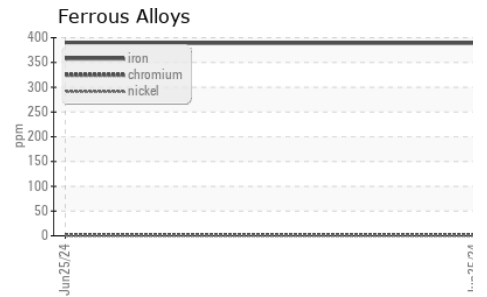
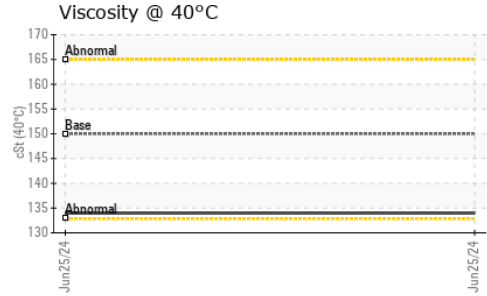
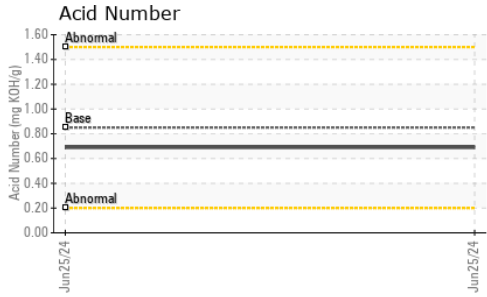
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	50	<b>29</b>	---	---
Barium	ppm	ASTM D5185(m)	15	<b>1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	15	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	50	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	50	<b>16</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	350	<b>454</b>	---	---
Zinc	ppm	ASTM D5185(m)	100	<b>42</b>	---	---
Sulfur	ppm	ASTM D5185(m)	12500	<b>8507</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>18</b>	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	<b>10</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>9</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.85	<b>0.69</b>	---	---



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VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---
Free Water	scalar	Visual*		NEG	---

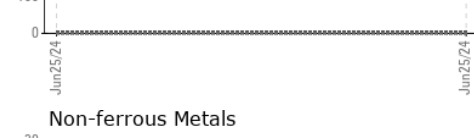
FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	150	134	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color

	no image	no image
Bottom		no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0813120 **Received** : 02 Jul 2024  
**Lab Number** : 02645028 **Tested** : 03 Jul 2024  
**Unique Number** : 5802567 **Diagnosed** : 03 Jul 2024 - Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: TAN Man )

**JAYLOR FABRICATING**  
 R.R. #2  
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 CA L0N 1N0  
 Contact: Kevin Kelly  
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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.