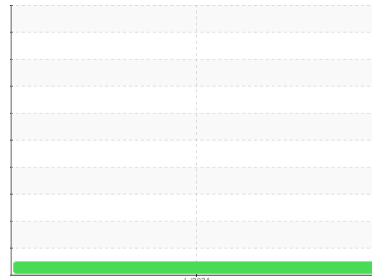




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**MOVENTAS #1 GEARBOX**  
 Component  
**Pump**  
 Fluid  
**CHEVRON MEROPA 220 (20 GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### 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>WC0908231</b>	---	---
Sample Date	Client Info		<b>08 Jul 2024</b>	---	---
Machine Age	mths	Client Info	<b>120</b>	---	---
Oil Age	mths	Client Info	<b>7</b>	---	---
Oil Changed	Client Info		<b>Filtered</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.1	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		<b>25</b>	---	---
Iron	ppm	ASTM D5185(m) >500	<b>406</b>	---	---
Chromium	ppm	ASTM D5185(m) >7	<b>5</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>3</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m) >25	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m) >35	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m) >50	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m) >5	<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>23</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>3</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>215</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>3</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>5724</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

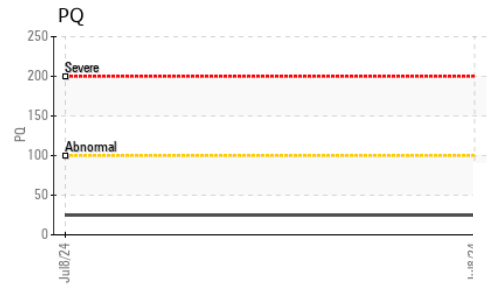
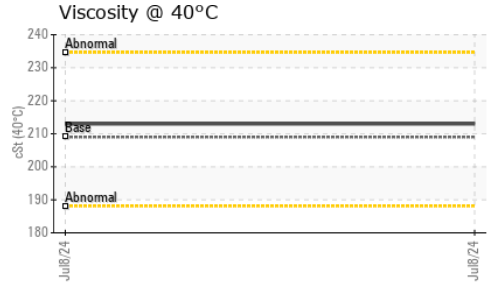
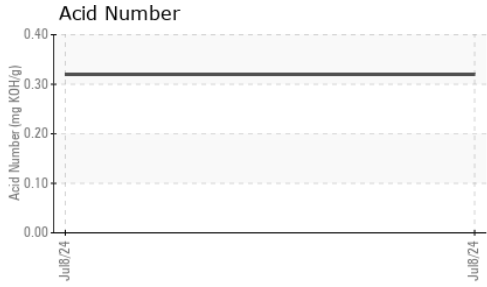
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	<b>4</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>0.32</b>	---	---



# OIL ANALYSIS REPORT



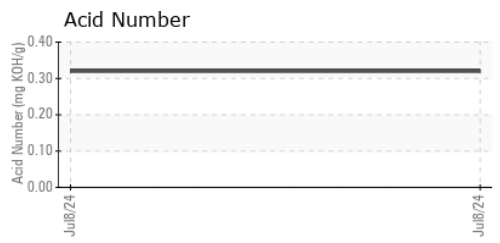
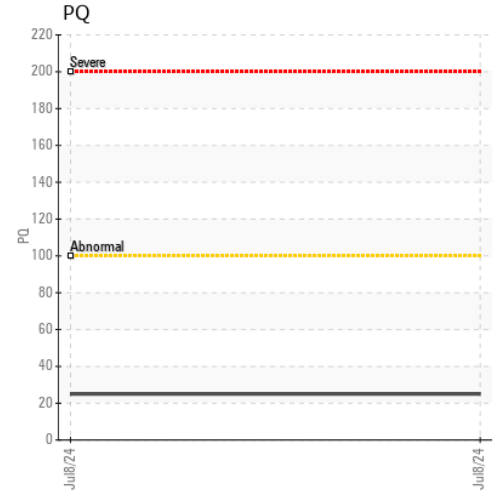
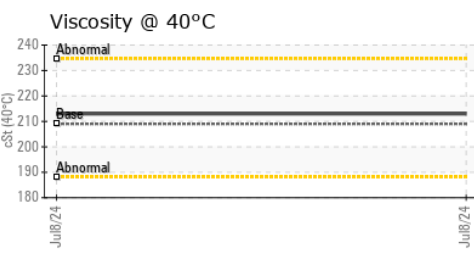
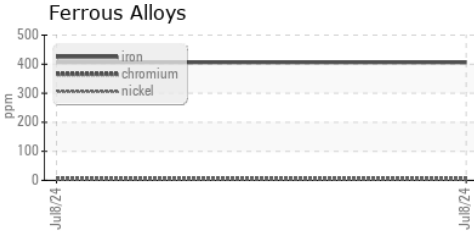
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>.1	<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)	209	<b>213</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0908231 **Received** : 09 Jul 2024  
**Lab Number** : **02646800** **Tested** : 10 Jul 2024  
**Unique Number** : 5812352 **Diagnosed** : 10 Jul 2024 - Wes Davis  
**Test Package** : IND 2 ( Additional Tests: TAN Man )

**QUINTE CONSERVATION**  
 2061 OLD HWY 2 RR#2  
 BELLEVILLE, ON  
 CA K8N 4Z2  
 Contact: Perry Holland  
 mrmcleodhydro@gmail.com

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.