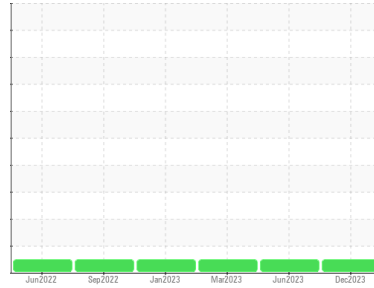


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**(SP-01-0130)**  
Machine Id  
**SM-CYCLO CHHS-6215Y-11 Ecorceur Nicholson (S/N 0N0070633)**  
Component  
**Gearbox**  
Fluid  
**PETRO CANADA ENDURATEX EP 150 (16 LTR)**

## 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 condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PC0078629</b>	PC0037036	PC0051121
Sample Date	Client Info		<b>18 Dec 2023</b>	07 Jun 2023	11 Mar 2023
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>1000</b>	400	0
Oil Changed	Client Info		<b>Changed</b>	Changed	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >200	<b>120</b>	118	70
Chromium	ppm	ASTM D5185(m) >15	<b>&lt;1</b>	1	<1
Nickel	ppm	ASTM D5185(m) >15	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185(m)	<b>0</b>	1	0
Silver	ppm	ASTM D5185(m)	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m) >25	<b>&lt;1</b>	5	<1
Lead	ppm	ASTM D5185(m) >100	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185(m) >200	<b>2</b>	11	8
Tin	ppm	ASTM D5185(m) >25	<b>0</b>	0	0
Antimony	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	0

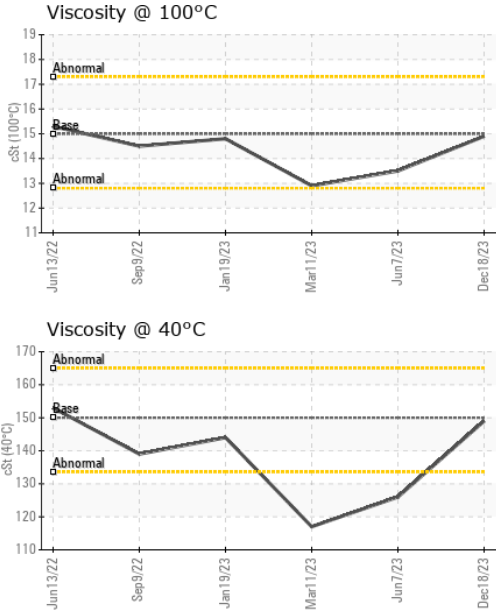
## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 55	<b>62</b>	52	64
Barium	ppm	ASTM D5185(m) 0	<b>0</b>	6	0
Molybdenum	ppm	ASTM D5185(m) 0	<b>0</b>	2	0
Manganese	ppm	ASTM D5185(m) 0	<b>&lt;1</b>	1	<1
Magnesium	ppm	ASTM D5185(m) 2	<b>2</b>	25	<1
Calcium	ppm	ASTM D5185(m) 6	<b>13</b>	81	7
Phosphorus	ppm	ASTM D5185(m) 250	<b>286</b>	301	289
Zinc	ppm	ASTM D5185(m) 3	<b>7</b>	64	10
Sulfur	ppm	ASTM D5185(m) 7500	<b>5565</b>	4393	4878
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	<b>5</b>	33	3
Sodium	ppm	ASTM D5185(m)	<b>0</b>	4	0
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	4	<1

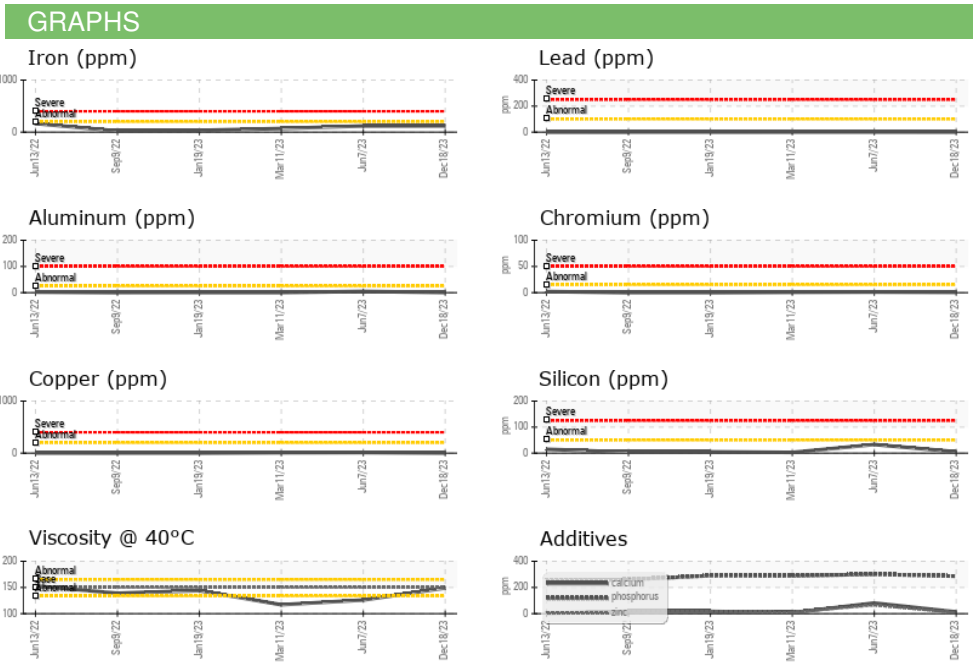
# OIL ANALYSIS REPORT



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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	150.0	126	117
Visc @ 100°C	cSt	ASTM D7279(m)	15.0	14.9	13.5
Viscosity Index (VI)	Scale	ASTM D2270*	100	102	103

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0078629 **Recieved** : 21 Dec 2023  
**Lab Number** : 02604721 **Diagnosed** : 21 Dec 2023  
**Unique Number** : 5697806 **Diagnostician** : Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

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.

**DAAQUAM**  
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 CA 60R 3X0

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