



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**[4393]**  
 Machine Id  
**01-008-CE**  
 Component  
**New (Unused) Oil**  
 Fluid  
**PETRO CANADA LUMINOL TRI (--- GAL)**

## RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PP0000879	---	---
Sample Date		Client Info		05 Jan 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

## WEAR

{not applicable}

Iron	ppm	ASTM D5185(m)	>5	0	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>5	<1	---	---
Lead	ppm	ASTM D5185(m)	>5	0	---	---
Copper	ppm	ASTM D5185(m)	>5	0	---	---
Tin	ppm	ASTM D5185(m)	>5	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

## CONTAMINATION

{not applicable}

Silicon	ppm	ASTM D5185(m)	>15	0	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Water		WC Method		NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---

## FLUID CONDITION

Pour Point = -60°C.

Sodium	ppm	ASTM D5185(m)	>5	0	---	---
Boron	ppm	ASTM D5185(m)	0	<1	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)	0	0	---	---
Magnesium	ppm	ASTM D5185(m)	0	1	---	---
Calcium	ppm	ASTM D5185(m)	0	2	---	---
Phosphorus	ppm	ASTM D5185(m)	0	<1	---	---
Zinc	ppm	ASTM D5185(m)	0	2	---	---
Sulfur	ppm	ASTM D5185(m)	10	0	---	---
Pour Point	°C	ASTM D97*	-60	-60	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PP0000879  
**Lab Number** : 02607634  
**Unique Number** : 5708720  
**Test Package** : TEST ( Additional Tests: ICP, PourPt, Visual )

**Recieved** : 09 Jan 2024  
**Diagnosed** : 10 Jan 2024  
**Diagnostician** : Kevin Marson

*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.*

**Oleo Energies**  
5800 Thorold Stone Road  
Niagara Falls, ON  
CA L2J 1A2  
Contact: Mark Michalkoff  
mmichalkoff@oleoenergies.com  
T: (905)358-5133  
F: