



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**[4484]**  
 Machine Id  
**03-027-CE**  
 Component  
**New (Unused) Oil**  
 Fluid  
**PETRO CANADA LUMINOL LS B-4 (--- GAL)**



## DIAGNOSIS

### Recommendation

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

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PP0000927</b>	---	---
Sample Date	Client Info	<b>28 Mar 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	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Chromium	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Nickel	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Titanium	ppm ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Aluminum	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Lead	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Copper	ppm ASTM D5185(m) >5	<b>0</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>&lt;1</b>	---	---
Barium	ppm ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm ASTM D5185(m)	<b>0</b>	---	---
Calcium	ppm ASTM D5185(m)	<b>0</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>0</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Sulfur	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

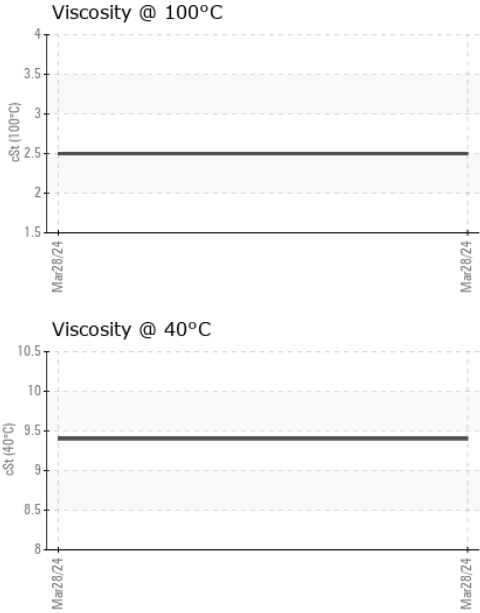
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >15	<b>0</b>	---	---
Sodium	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Potassium	ppm ASTM D5185(m) >20	<b>0</b>	---	---

## 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>	---	---



# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>9.4</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	<b>2.5</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	<b>85</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.** : PP0000927 **Received** : 01 Apr 2024  
**Lab Number** : **02625853** **Tested** : 02 Apr 2024  
**Unique Number** : 5758985 **Diagnosed** : 02 Apr 2024 - Kevin Marson  
**Test Package** : TEST ( Additional Tests: ICP, KV100, KV40, VI, Visual )

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.

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