



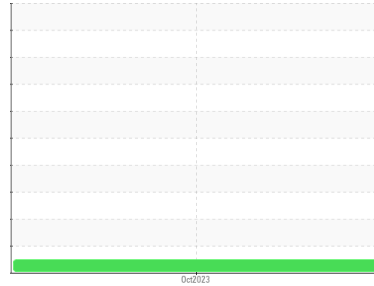
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[4239]
 Machine Id
09-039-CD
 Component
New (Unused) Oil
 Fluid
PETRO CANADA LUMINOL TRI (--- GAL)



DIAGNOSIS

Recommendation

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

Wear

{not applicable}

Contamination

{not applicable}

Fluid Condition

Pour Point = -60°C.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PP0000781	---	---
Sample Date	Client Info		03 Oct 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >5	0	---	---
Chromium	ppm	ASTM D5185(m) >5	0	---	---
Nickel	ppm	ASTM D5185(m) >5	0	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m) >5	<1	---	---
Aluminum	ppm	ASTM D5185(m) >5	0	---	---
Lead	ppm	ASTM D5185(m) >5	0	---	---
Copper	ppm	ASTM D5185(m) >5	<1	---	---
Tin	ppm	ASTM D5185(m) >5	0	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 0	<1	---	---
Barium	ppm	ASTM D5185(m) 0	<1	---	---
Molybdenum	ppm	ASTM D5185(m) 0	0	---	---
Manganese	ppm	ASTM D5185(m) 0	0	---	---
Magnesium	ppm	ASTM D5185(m) 0	0	---	---
Calcium	ppm	ASTM D5185(m) 0	0	---	---
Phosphorus	ppm	ASTM D5185(m) 0	0	---	---
Zinc	ppm	ASTM D5185(m) 0	<1	---	---
Sulfur	ppm	ASTM D5185(m) 10	1	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	0	---	---
Sodium	ppm	ASTM D5185(m) >5	<1	---	---
Potassium	ppm	ASTM D5185(m) >20	0	---	---



VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual* NONE	NONE	---	---
Yellow Metal	scalar	Visual* NONE	NONE	---	---
Precipitate	scalar	Visual* NONE	NONE	---	---
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	---	---

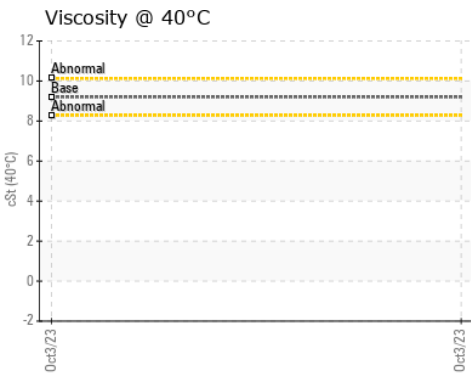
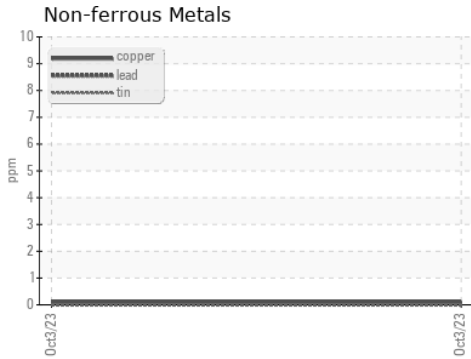
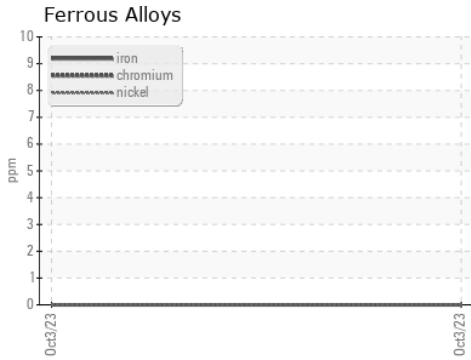


OIL ANALYSIS REPORT

FLUID PROPERTIES	method	limit/base	current	history1	history2
Pour Point	°C	ASTM D97*	-60	-60	---

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. : PP0000781 **Received** : 04 Oct 2023
Lab Number : **02586960** **Diagnosed** : 05 Oct 2023
Unique Number : 5656026 **Diagnostician** : Kevin Marson
Test Package : TEST (Additional Tests: ICP, PourPt, 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.

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