



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[4381]
 Machine Id
12-031-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 = -63°C.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PP0000871	---	---
Sample Date	Client Info	28 Dec 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	NEG	---	---

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	<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	---	---
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	0	---	---
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	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	0	---	---
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	0	---	---
Potassium	ppm ASTM D5185(m) >20	2	---	---

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	-63	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image
Bottom				no image	no image

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PP0000871 **Recieved** : 02 Jan 2024
Lab Number : **02606136** **Diagnosed** : 03 Jan 2024
Unique Number : 5707222 **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: