

# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**Kaiser France - Bulk Tank**  
 Component  
**Bulk Fluid Tank**  
 Fluid  
**PETRO CANADA SENTRON ASHLESS 40 (--- GAL)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample. ( Customer Sample Comment: Suspected water or other fluid contamination )

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0130762</b>	---	---
Sample Date	Client Info	<b>26 Jun 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 D5185m	<b>&lt;1</b>	---	---
Chromium	ppm ASTM D5185m	<b>0</b>	---	---
Nickel	ppm ASTM D5185m	<b>0</b>	---	---
Titanium	ppm ASTM D5185m	<b>0</b>	---	---
Silver	ppm ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185m	<b>0</b>	---	---
Copper	ppm ASTM D5185m	<b>5</b>	---	---
Tin	ppm ASTM D5185m	<b>0</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 106	<b>51</b>	---	---
Barium	ppm ASTM D5185m <1	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m <1	<b>0</b>	---	---
Manganese	ppm ASTM D5185m <1	<b>0</b>	---	---
Magnesium	ppm ASTM D5185m <1	<b>2</b>	---	---
Calcium	ppm ASTM D5185m	<b>613</b>	---	---
Phosphorus	ppm ASTM D5185m 657	<b>523</b>	---	---
Zinc	ppm ASTM D5185m	<b>163</b>	---	---
Sulfur	ppm ASTM D5185m 255	<b>1976</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	<b>5</b>	---	---
Sodium	ppm ASTM D5185m	<b>0</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>0</b>	---	---

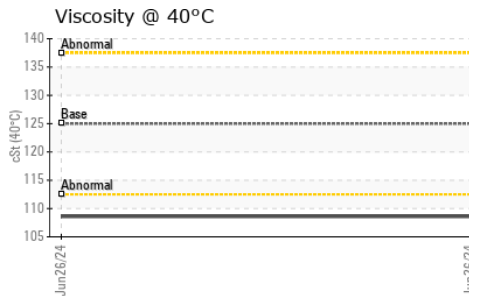
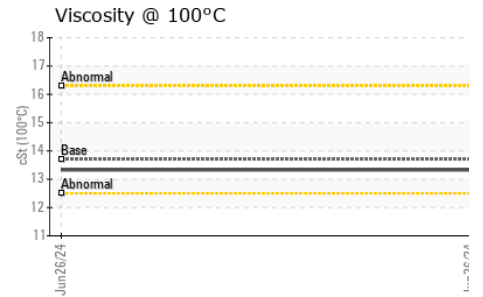
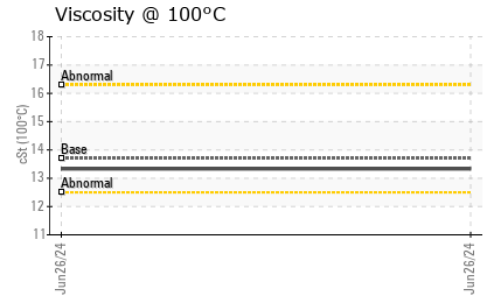
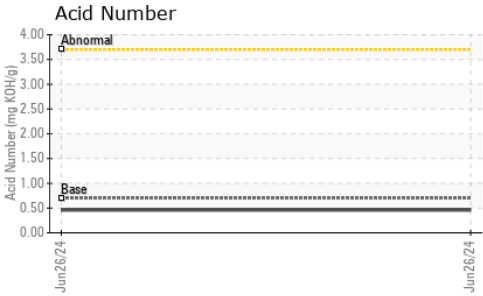
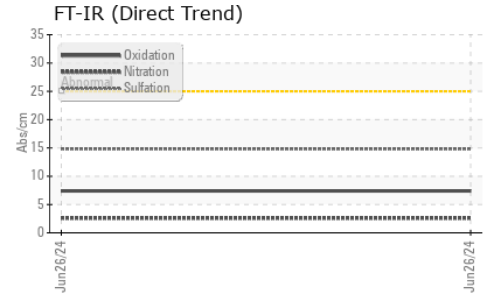
## INFRA-RED

method	limit/base	current	history1	history2
Soot %	% *ASTM D7844	<b>0</b>	---	---
Nitration	Abs/cm *ASTM D7624	<b>2.6</b>	---	---
Sulfation	Abs/.1mm *ASTM D7415	<b>14.8</b>	---	---

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm *ASTM D7414	<b>7.4</b>	---	---
Acid Number (AN)	mg KOH/g ASTM D8045 0.7	<b>0.46</b>	---	---
Base Number (BN)	mg KOH/g ASTM D2896 1.6	<b>2.67</b>	---	---

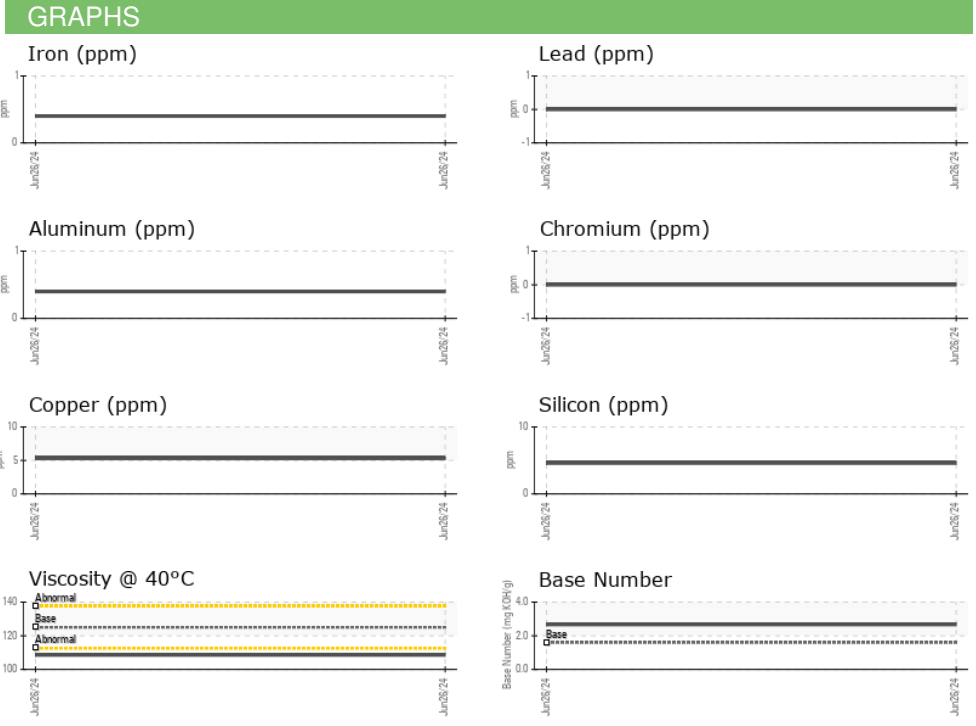
# OIL ANALYSIS REPORT



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	---
Emulsified Water	scalar	*Visual	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	125.0	108.6	---
Visc @ 100°C	cSt	ASTM D445	13.7	13.33	---
Viscosity Index (VI)	Scale	ASTM D2270	105	119	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0130762      **Received** : 01 Jul 2024  
**Lab Number** : 06225712      **Tested** : 03 Jul 2024  
**Unique Number** : 11103909      **Diagnosed** : 03 Jul 2024 - Jonathan Hester  
**Test Package** : MOB 2 ( Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, TBN, VI)contact: GARRETT BAPP

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)