



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**195**  
Component  
**Diesel Engine**  
Fluid  
**PETRO CANADA DURON UHP E6 10W40 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DE0000571	---	---
Sample Date		Client Info		05 Mar 2024	---	---
Machine Age	mls	Client Info		245992	---	---
Oil Age	mls	Client Info		9852	---	---
Filter Age	mls	Client Info		9852	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	49	---	---
Chromium	ppm	ASTM D5185m	>20	2	---	---
Nickel	ppm	ASTM D5185m	>4	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m	>3	0	---	---
Aluminum	ppm	ASTM D5185m	>20	3	---	---
Lead	ppm	ASTM D5185m	>40	17	---	---
Copper	ppm	ASTM D5185m	>330	25	---	---
Tin	ppm	ASTM D5185m	>15	2	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

### CONTAMINATION

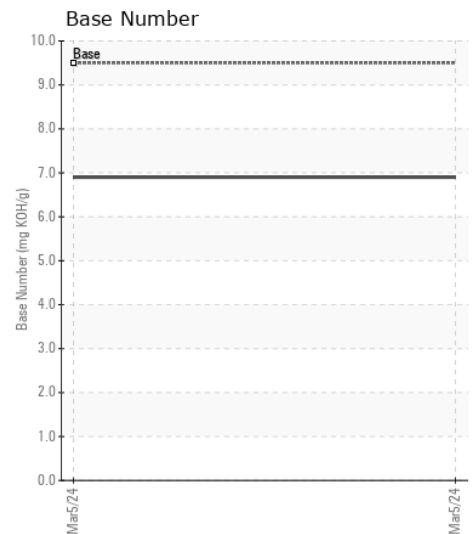
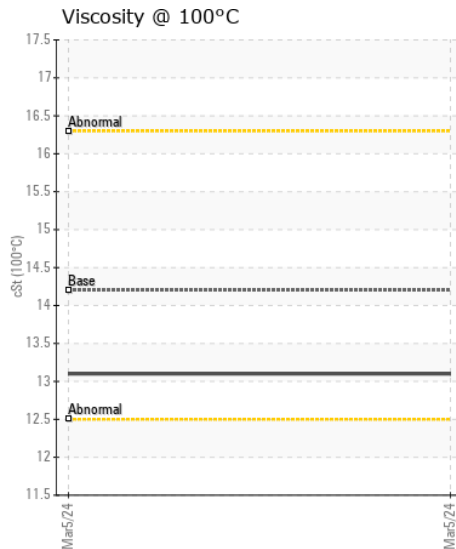
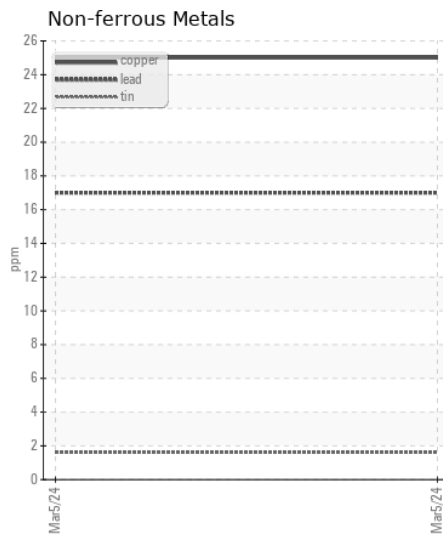
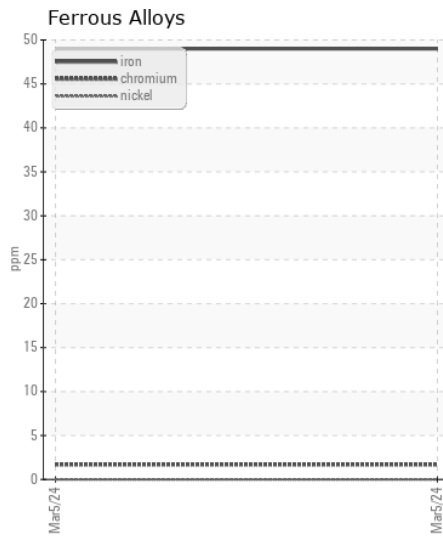
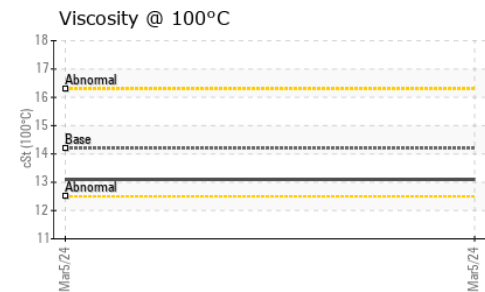
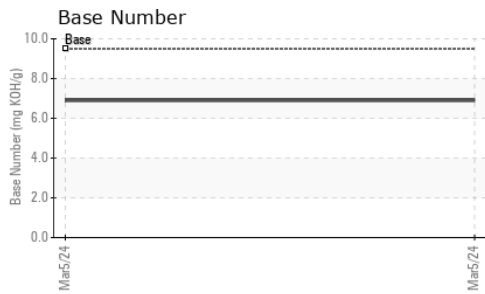
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	8	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Fuel		WC Method	>5	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	*ASTM D7844	>3	0.4	---	---
Nitration	Abs/cm	*ASTM D7624	>20	10.6	---	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	24.0	---	---
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	>0.2	NEG	---	---

### FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		6	---	---
Boron	ppm	ASTM D5185m	0	24	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	32	---	---
Manganese	ppm	ASTM D5185m	0	<1	---	---
Magnesium	ppm	ASTM D5185m	80	823	---	---
Calcium	ppm	ASTM D5185m	2400	1193	---	---
Phosphorus	ppm	ASTM D5185m	750	1025	---	---
Zinc	ppm	ASTM D5185m	840	1232	---	---
Sulfur	ppm	ASTM D5185m	2130	3700	---	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.6	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	9.5	6.9	---	---
Visc @ 100°C	cSt	ASTM D445	14.2	13.1	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : DE0000571

**Lab Number** : 06124186

**Unique Number** : 10938337

**Test Package** : FLEET

**Received** : 20 Mar 2024

**Tested** : 21 Mar 2024

**Diagnosed** : 21 Mar 2024 - Wes Davis

**Iroquois Bar Corp.**

155 Commerce Drive

Lacakwana, NY

US 14218

Contact: Denver Persinger

dpersinger@iroquoisbar.com

T:

F:

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)