



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**PETERBILT 1707**  
 Component  
**Blower**  
 Fluid  
**PETRO CANADA SYNDURO SHB ISO 220 (2 QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0096095	---	---
Sample Date		Client Info		21 Nov 2023	---	---
Machine Age	hrs	Client Info		270	---	---
Oil Age	hrs	Client Info		270	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m		279	---	---
Chromium	ppm	ASTM D5185m		2	---	---
Nickel	ppm	ASTM D5185m		1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		6	---	---
Lead	ppm	ASTM D5185m		0	---	---
Copper	ppm	ASTM D5185m		206	---	---
Tin	ppm	ASTM D5185m		<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

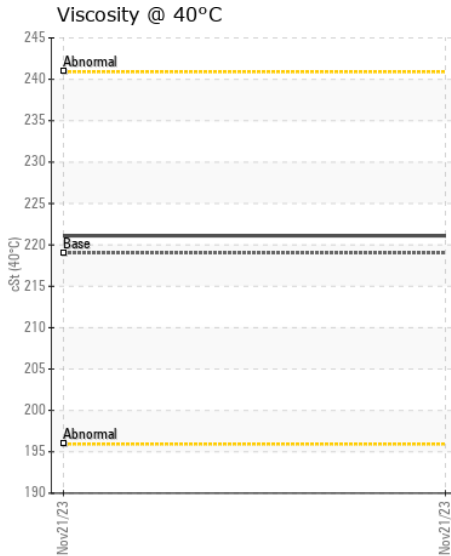
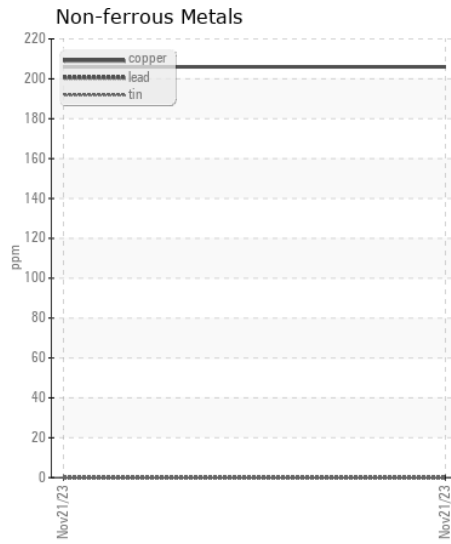
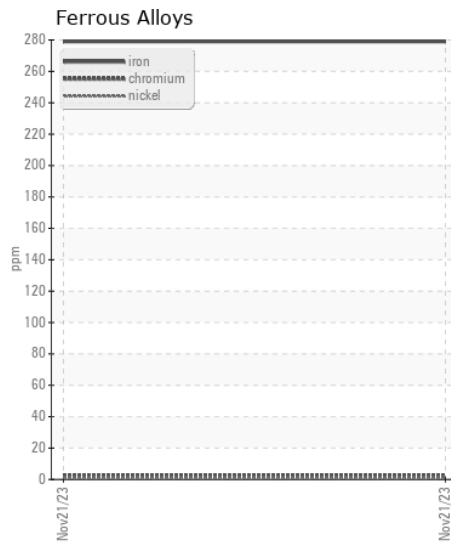
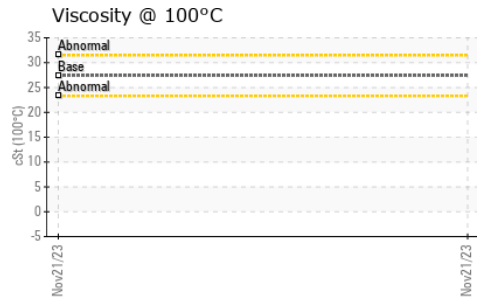
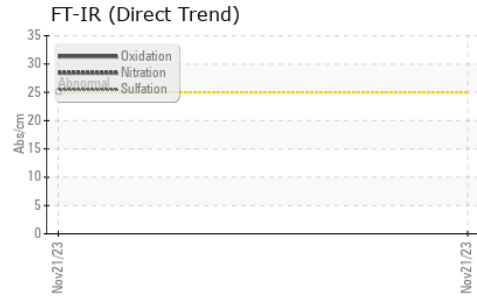
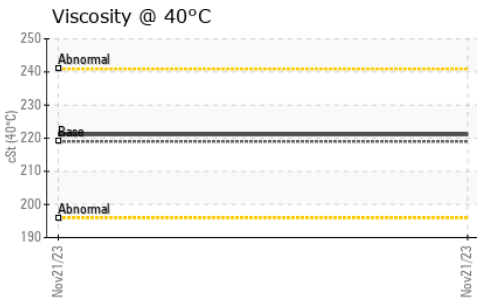
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		21	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water		WC Method		NEG	---	---
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	---	---

**FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		11	---	---
Boron	ppm	ASTM D5185m		1	---	---
Barium	ppm	ASTM D5185m	5.0	0	---	---
Molybdenum	ppm	ASTM D5185m		1	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m	5.0	25	---	---
Calcium	ppm	ASTM D5185m	5.0	42	---	---
Phosphorus	ppm	ASTM D5185m	100	552	---	---
Zinc	ppm	ASTM D5185m	5.0	109	---	---
Sulfur	ppm	ASTM D5185m	1900	557	---	---
Visc @ 40°C	cSt	ASTM D445	219	221.1	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0096095 **Received** : 27 Nov 2023  
**Lab Number** : **06017738** **Tested** : 30 Nov 2023  
**Unique Number** : 10756882 **Diagnosed** : 30 Nov 2023 - Jonathan Hester  
**Test Package** : FLEET ( Additional Tests: FT-IR, KV100 )

**Z FORCE TRANSPORTATION INC**  
 700 E JOE ORR RD  
 CHICAGO HEIGHTS, IL  
 US 60411  
 Contact: MIKE PROCANIN  
 mprocanin@zforcetransportation.com

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)

T:  
F: