



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

Area  
**(31191Z) Supreme Leasing-Tractor**  
Machine Id  
**[Supreme Leasing-Tractor] 149A149325**  
Component  
**Diesel Engine**  
Fluid  
**PETRO CANADA DURON SHP 10W30 (11 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0128854</b>	---	---
Sample Date		Client Info		<b>12 Jun 2024</b>	---	---
Machine Age	mls	Client Info		<b>35003</b>	---	---
Oil Age	mls	Client Info		<b>1269</b>	---	---
Filter Age	mls	Client Info		<b>1296</b>	---	---
Oil Changed		Client Info		<b>Not Chngd</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185m	>100	<b>5</b>	---	---
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m	>4	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m	>3	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>20	<b>2</b>	---	---
Lead	ppm	ASTM D5185m	>40	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185m	>330	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

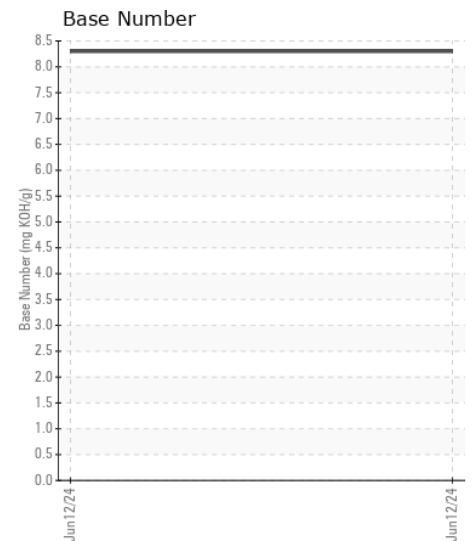
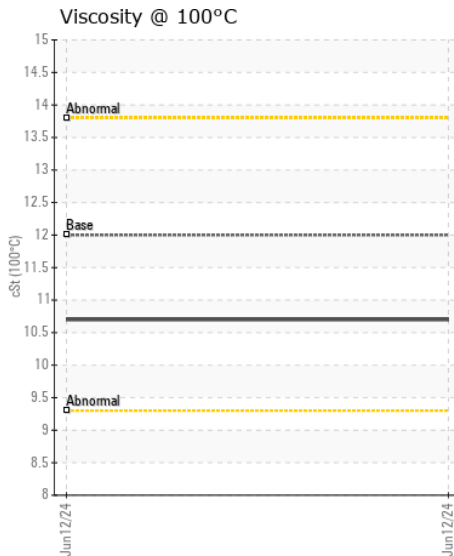
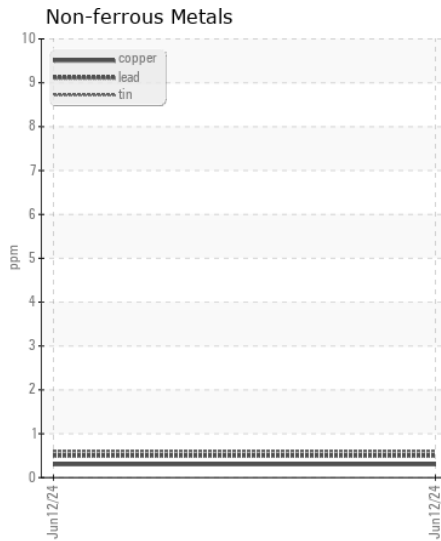
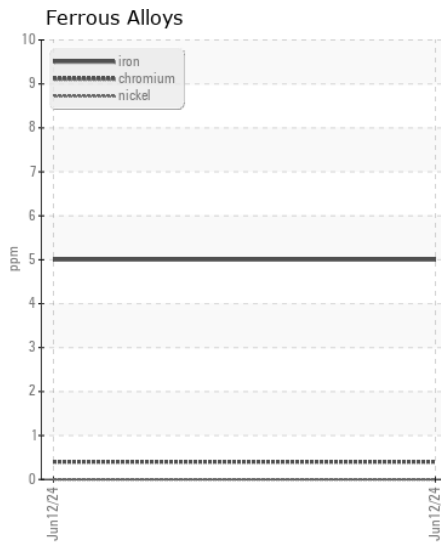
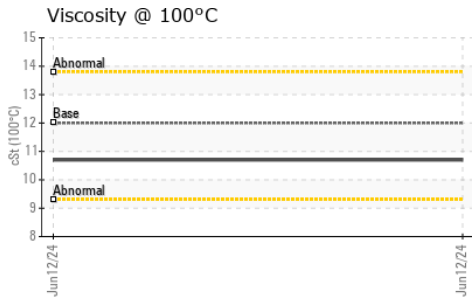
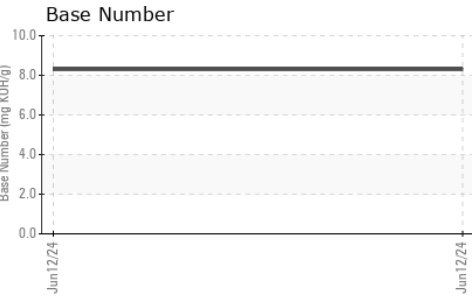
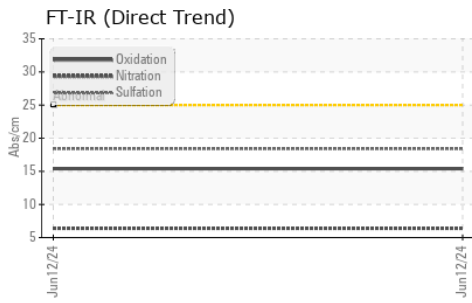
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>4</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	---	---
Fuel		WC Method	>2.0	<b>&lt;1.0</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Glycol		WC Method		<b>NEG</b>	---	---
Soot %	%	*ASTM D7844	>3	<b>0.2</b>	---	---
Nitration	Abs/cm	*ASTM D7624	>20	<b>6.4</b>	---	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>18.4</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	---	---

**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		<b>0</b>	---	---
Boron	ppm	ASTM D5185m	2	<b>17</b>	---	---
Barium	ppm	ASTM D5185m	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m	50	<b>58</b>	---	---
Manganese	ppm	ASTM D5185m	0	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m	950	<b>875</b>	---	---
Calcium	ppm	ASTM D5185m	1050	<b>1013</b>	---	---
Phosphorus	ppm	ASTM D5185m	995	<b>887</b>	---	---
Zinc	ppm	ASTM D5185m	1180	<b>1152</b>	---	---
Sulfur	ppm	ASTM D5185m	2600	<b>3230</b>	---	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>15.4</b>	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		<b>8.3</b>	---	---
Visc @ 100°C	cSt	ASTM D445	12.00	<b>10.7</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0128854  
**Lab Number** : 06209842  
**Unique Number** : 11082706  
**Test Package** : FLEET

**Received** : 14 Jun 2024  
**Tested** : 15 Jun 2024  
**Diagnosed** : 15 Jun 2024 - Wes Davis

**Transervice - Shop 1490 - Supreme Leasing**  
 11601 W. Touhy Avenue, Bldg. 895  
 Chicago, IL  
 US 60666

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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)