



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
(59083Z) Walgreens - Tractor
Machine Id
[Walgreens - Tractor] 136A624321
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		PCA0103632	PCA0103700	---
Sample Date		Client Info		05 Jan 2024	29 Sep 2023	---
Machine Age	mls	Client Info		63888	36964	---
Oil Age	mls	Client Info		26001	36964	---
Filter Age	mls	Client Info		26001	36964	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185m	>80	29	79	---
Chromium	ppm	ASTM D5185m	>5	2	6	---
Nickel	ppm	ASTM D5185m	>2	0	1	---
Titanium	ppm	ASTM D5185m		0	1	---
Silver	ppm	ASTM D5185m	>3	0	<1	---
Aluminum	ppm	ASTM D5185m	>30	9	45	---
Lead	ppm	ASTM D5185m	>30	2	1	---
Copper	ppm	ASTM D5185m	>150	273	▲ 191	---
Tin	ppm	ASTM D5185m	>5	<1	4	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

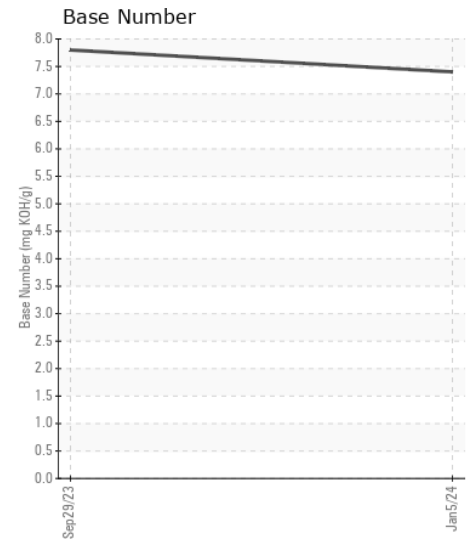
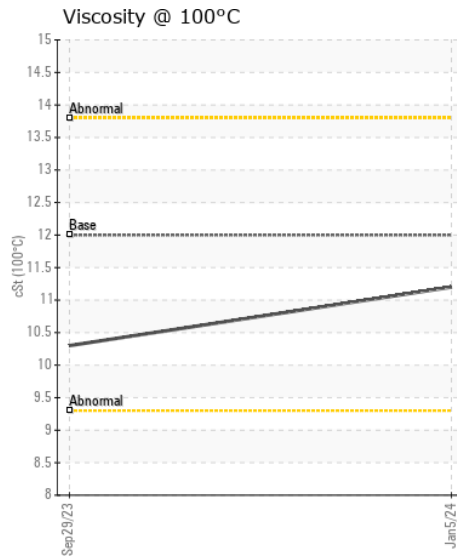
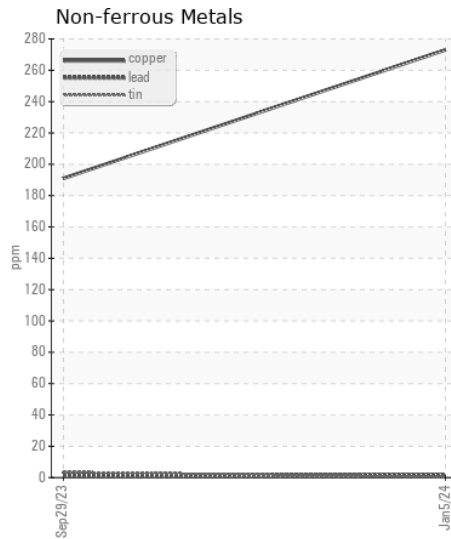
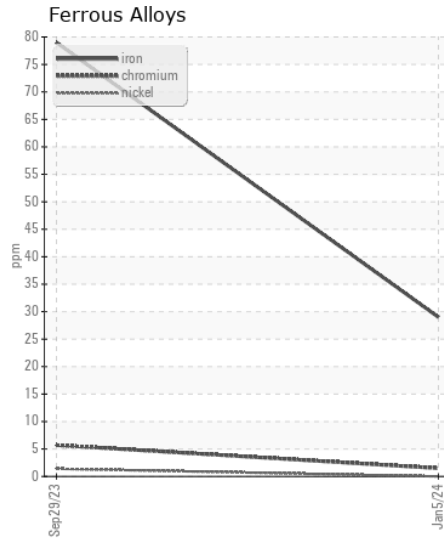
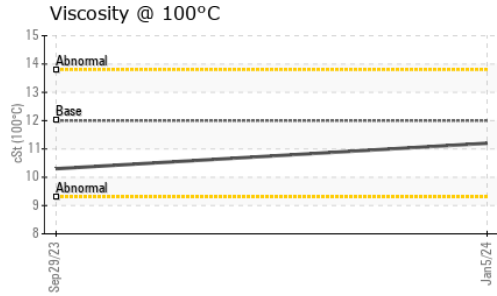
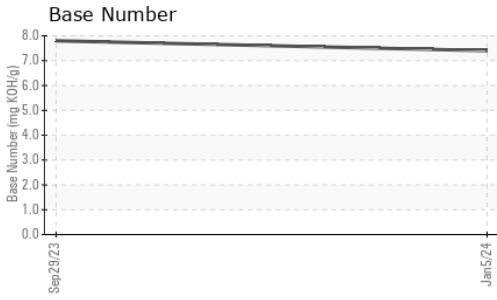
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	4	8	---
Potassium	ppm	ASTM D5185m	>20	23	▲ 134	---
Fuel		WC Method	>5	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	*ASTM D7844	>3	0.6	0.9	---
Nitration	Abs/cm	*ASTM D7624	>20	8.3	10.1	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.8	23.3	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	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		2	12	---
Boron	ppm	ASTM D5185m	2	6	25	---
Barium	ppm	ASTM D5185m	0	0	4	---
Molybdenum	ppm	ASTM D5185m	50	45	44	---
Manganese	ppm	ASTM D5185m	0	<1	6	---
Magnesium	ppm	ASTM D5185m	950	737	540	---
Calcium	ppm	ASTM D5185m	1050	1477	1586	---
Phosphorus	ppm	ASTM D5185m	995	948	656	---
Zinc	ppm	ASTM D5185m	1180	1200	824	---
Sulfur	ppm	ASTM D5185m	2600	3026	1845	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.6	23.0	---
Base Number (BN)	mg KOH/g	ASTM D2896		7.4	7.8	---
Visc @ 100°C	cSt	ASTM D445	12.00	11.2	10.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0103632 **Received** : 12 Jan 2024
Lab Number : 06059010 **Diagnosed** : 12 Jan 2024
Unique Number : 10830392 **Diagnostician** : Wes Davis
Test Package : FLEET

Transervice - Shop 1365 - Berkeley-Nazareth
 6813 Chrisphalt Drive
 Bath Borough, PA
 US 18014
 Contact: Stephen Mackes
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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)