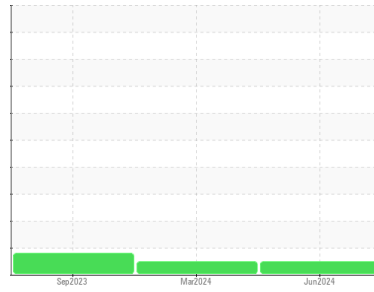


# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area  
**(51469Z) Walgreens - Tractor**  
 Machine Id  
**[Walgreens - Tractor] 136B63312**  
 Component  
**Diesel Engine**  
 Fluid  
**PETRO CANADA DURON SHP 10W30 (11 GAL)**

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### 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.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PCA0121355</b>	PCA0106561	PCA0106537
Sample Date	Client Info		<b>13 Jun 2024</b>	12 Mar 2024	21 Sep 2023
Machine Age	mls	Client Info	<b>192362</b>	153314	75281
Oil Age	mls	Client Info	<b>30000</b>	73000	0
Oil Changed	Client Info		<b>Not Chngd</b>	Changed	Changed
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

### CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol	WC Method		<b>NEG</b>	NEG	NEG

### WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >80	<b>25</b>	48	65
Chromium	ppm	ASTM D5185m >5	<b>2</b>	4	5
Nickel	ppm	ASTM D5185m >2	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m >3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >30	<b>11</b>	27	43
Lead	ppm	ASTM D5185m >30	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m >150	<b>40</b>	115	▲ 219
Tin	ppm	ASTM D5185m >5	<b>1</b>	<1	3
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Cadmium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0

### ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	<b>4</b>	12	26
Barium	ppm	ASTM D5185m 0	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m 50	<b>61</b>	54	42
Manganese	ppm	ASTM D5185m 0	<b>1</b>	2	4
Magnesium	ppm	ASTM D5185m 950	<b>942</b>	855	638
Calcium	ppm	ASTM D5185m 1050	<b>1218</b>	1368	1929
Phosphorus	ppm	ASTM D5185m 995	<b>1043</b>	915	762
Zinc	ppm	ASTM D5185m 1180	<b>1256</b>	1128	956
Sulfur	ppm	ASTM D5185m 2600	<b>2423</b>	2321	2016

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>7</b>	10	9
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	4	7
Potassium	ppm	ASTM D5185m >20	<b>27</b>	65	121

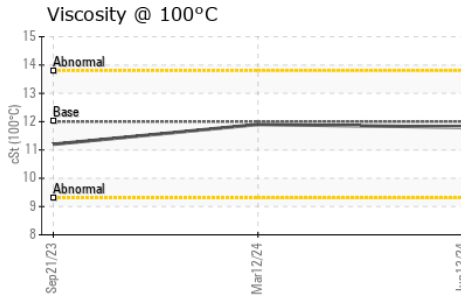
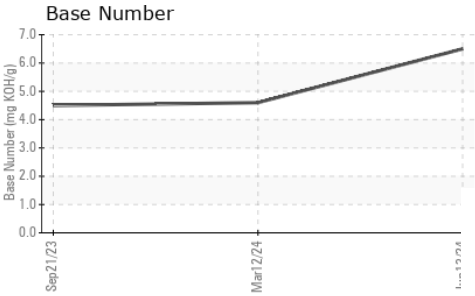
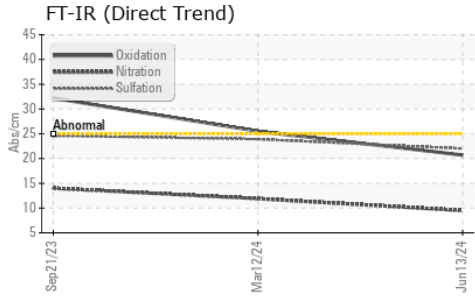
### INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844 >3	<b>0.5</b>	0.8	0.8
Nitration	Abs/cm	*ASTM D7624 >20	<b>9.5</b>	11.9	14.0
Sulfation	Abs/.1mm	*ASTM D7415 >30	<b>22.0</b>	23.9	24.6

### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414 >25	<b>20.7</b>	25.5	32.2
Base Number (BN)	mg KOH/g	ASTM D2896	<b>6.5</b>	4.6	4.5

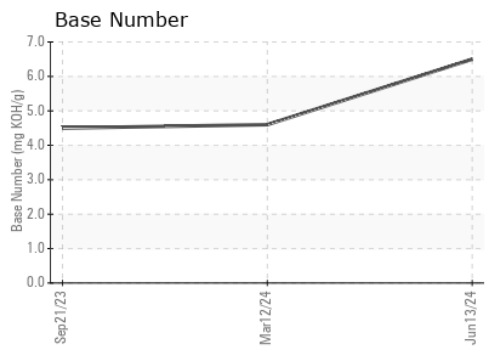
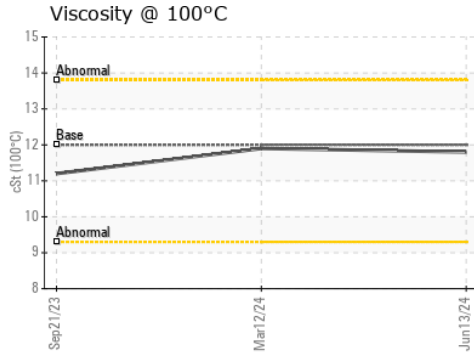
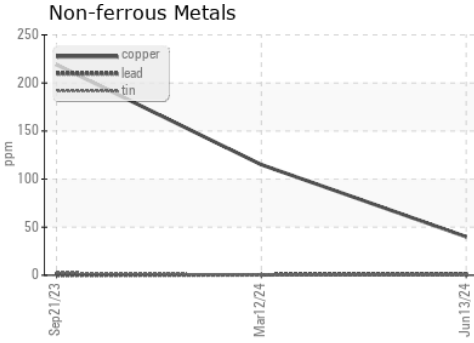
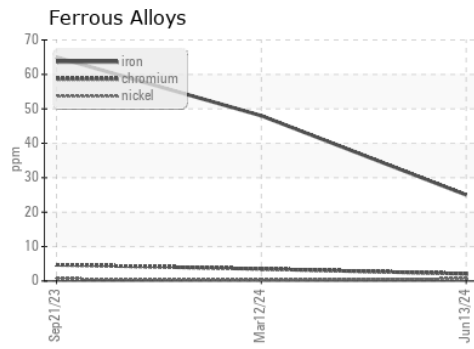
# OIL ANALYSIS REPORT



PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
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
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	12.00	11.8	11.9

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0121355      **Received** : 20 Jun 2024  
**Lab Number** : 06215445      **Tested** : 21 Jun 2024  
**Unique Number** : 11088309      **Diagnosed** : 21 Jun 2024 - Wes Davis  
**Test Package** : FLEET

**Transervice - Shop 1369 - Berkeley-Waxahachie**  
 710 Ovilla Road  
 Waxahachie, TX  
 US 75167

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)