

OIL ANALYSIS REPORT

Sample Rating Trend

FUEL

 Machine Id
FLORY 34 SERIES SW-25 (S/N 5790)

 Component
Diesel Engine

 Fluid
PETRO CANADA DURON HP 15W40 (--- GAL)

DIAGNOSIS
Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.

Wear

All component wear rates are normal.

Contamination

Light fuel dilution occurring. No other contaminants were detected 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		PCA0096368	---	---
Sample Date	Client Info		08 Oct 2023	---	---
Machine Age	hrs	Client Info	3177	---	---
Oil Age	hrs	Client Info	250	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			MARGINAL	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Glycol	WC Method		NEG	---	---

WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >100	62	---	---
Chromium	ppm	ASTM D5185m >20	<1	---	---
Nickel	ppm	ASTM D5185m >4	<1	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m >3	0	---	---
Aluminum	ppm	ASTM D5185m >20	0	---	---
Lead	ppm	ASTM D5185m >40	4	---	---
Copper	ppm	ASTM D5185m >330	2	---	---
Tin	ppm	ASTM D5185m >15	<1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

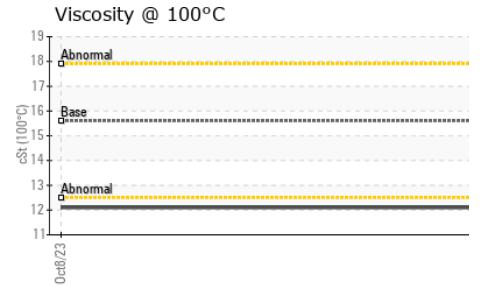
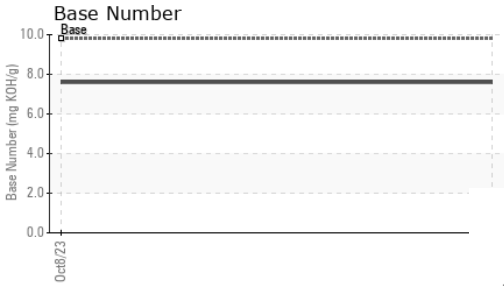
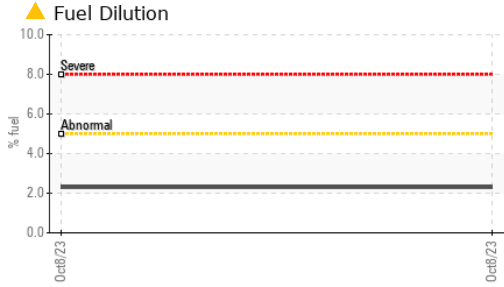
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	7	---	---
Barium	ppm	ASTM D5185m	2	---	---
Molybdenum	ppm	ASTM D5185m	53	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	758	---	---
Calcium	ppm	ASTM D5185m	1167	---	---
Phosphorus	ppm	ASTM D5185m	926	---	---
Zinc	ppm	ASTM D5185m	1109	---	---
Sulfur	ppm	ASTM D5185m	2843	---	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	4	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	<1	---	---
Fuel	%	ASTM D3524 >5	▲ 2.3	---	---

INFRA-RED	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844 >3	0.3	---	---
Nitration	Abs/cm	*ASTM D7624 >20	6.2	---	---
Sulfation	Abs/.1mm	*ASTM D7415 >30	18.3	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414 >25	13.8	---	---
Base Number (BN)	mg KOH/g	ASTM D2896 9.8	7.6	---	---

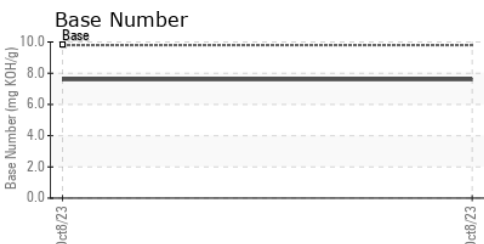
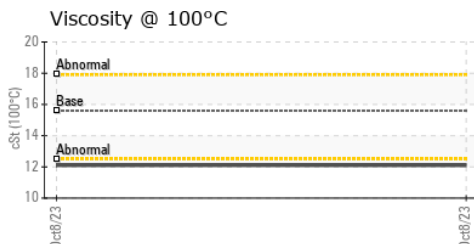
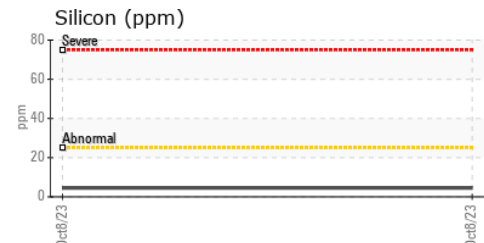
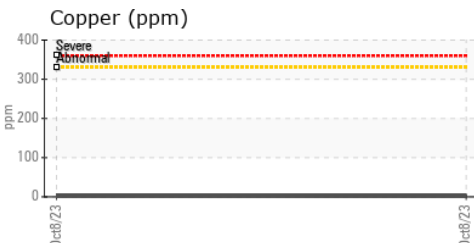
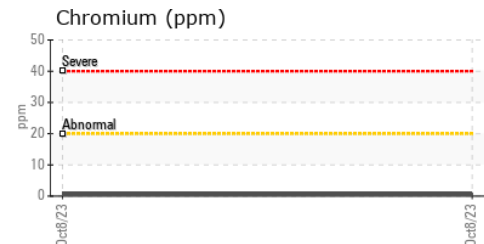
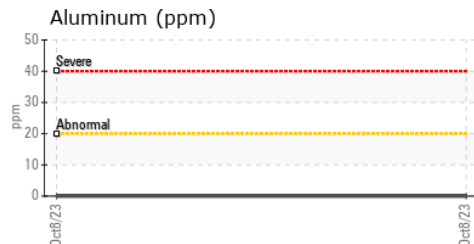
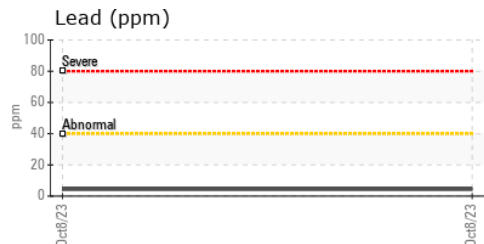
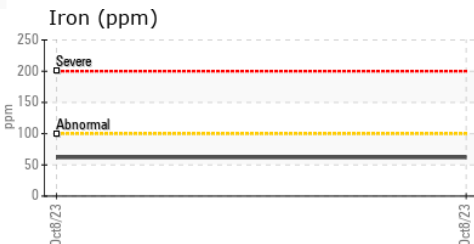
OIL ANALYSIS REPORT



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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.6	12.1	---

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0096368 **Received** : 16 Oct 2023
Lab Number : 05979398 **Diagnosed** : 17 Oct 2023
Unique Number : 10696693 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: FuelDilution, PercentFuel, TBN)

TRINITAS FARMING
 45499 W PANOCHE RD
 FIREBAUGH, CA
 US 93622

Contact: SPENCER COOPER
 spencer.cooper@trinitasfarming.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: (209)493-2999

F: