



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
PETERBILT 117257
Component
Diesel Engine
Fluid
CHEVRON 15W40 (24 QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

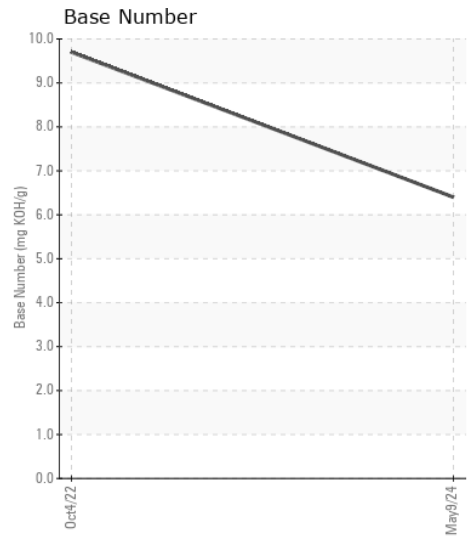
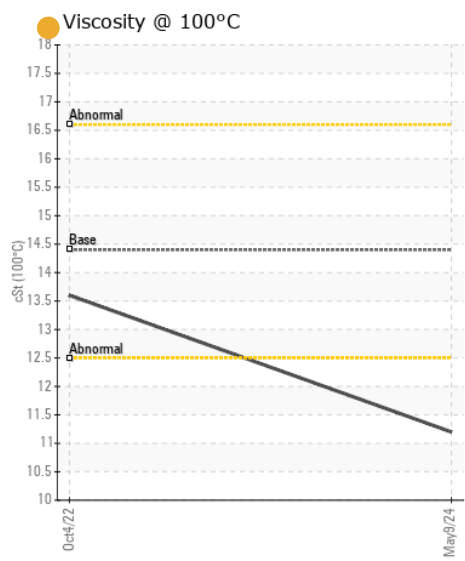
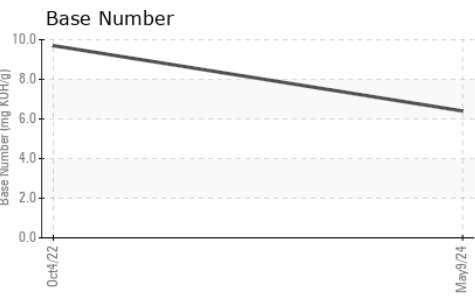
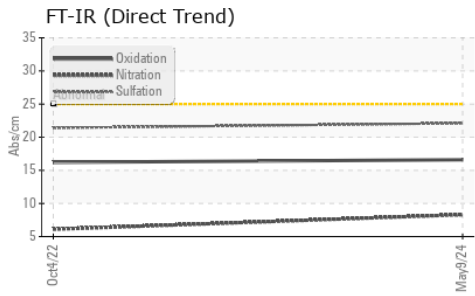
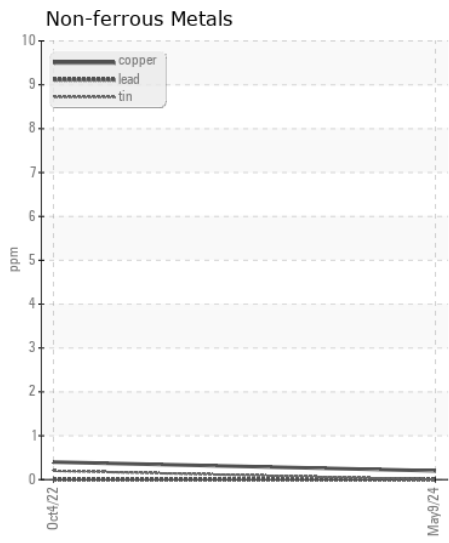
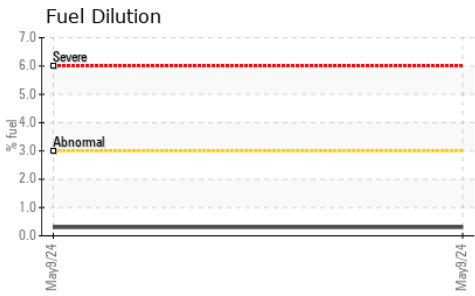
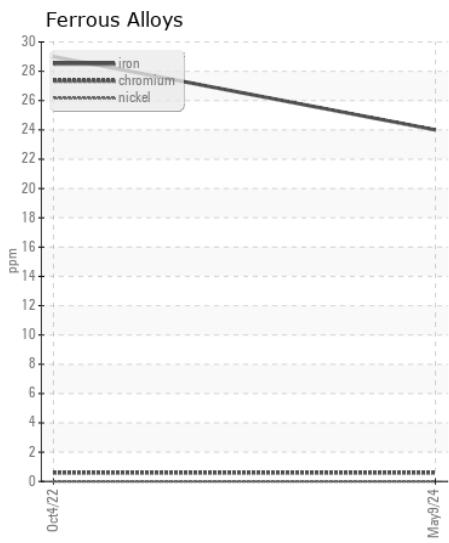
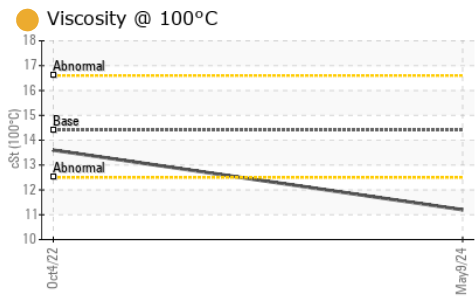
CONTAMINATION

Fuel content negligible. There is no indication of any contamination in the oil.

FLUID CONDITION

The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RPL0009911	RPL0003380	---
Sample Date		Client Info		09 May 2024	04 Oct 2022	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ATTENTION	NORMAL	---
Iron	ppm	ASTM D5185m	>130	24	29	---
Chromium	ppm	ASTM D5185m	>10	<1	<1	---
Nickel	ppm	ASTM D5185m	>4	0	0	---
Titanium	ppm	ASTM D5185m	>2	0	0	---
Silver	ppm	ASTM D5185m	>2	0	0	---
Aluminum	ppm	ASTM D5185m	>20	5	9	---
Lead	ppm	ASTM D5185m	>20	0	0	---
Copper	ppm	ASTM D5185m	>125	<1	<1	---
Tin	ppm	ASTM D5185m	>4	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>25	8	8	---
Potassium	ppm	ASTM D5185m	>20	6	11	---
Fuel	%	ASTM D3524	>3.0	0.3	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	*ASTM D7844	>6	0.3	0.2	---
Nitration	Abs/cm	*ASTM D7624	>20	8.3	6.1	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.1	21.4	---
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	---
Sodium	ppm	ASTM D5185m	>50	2	<1	---
Boron	ppm	ASTM D5185m		275	352	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		94	76	---
Manganese	ppm	ASTM D5185m		<1	<1	---
Magnesium	ppm	ASTM D5185m		447	407	---
Calcium	ppm	ASTM D5185m		1788	1467	---
Phosphorus	ppm	ASTM D5185m		1202	975	---
Zinc	ppm	ASTM D5185m		1495	1117	---
Sulfur	ppm	ASTM D5185m		4126	3642	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.6	16.2	---
Base Number (BN)	mg KOH/g	ASTM D2896		6.4	9.7	---
Visc @ 100°C	cSt	ASTM D445	14.4	11.2	13.6	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RPL0009911 **Received** : 08 Jul 2024
Lab Number : 06231106 **Tested** : 11 Jul 2024
Unique Number : 11114599 **Diagnosed** : 11 Jul 2024 - Sean Felton
Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel)

RTL PACLEASE - 7019 - Birmingham
 601 Republic Circle
 Birmingham, AL
 US 35214
 Contact: Johnathan King
 KingJ1@RushEnterprises.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: