WEAR
CONTAMINATION
FLUID CONDITION

NORMAL NORMAL NORMAL

Machine Id

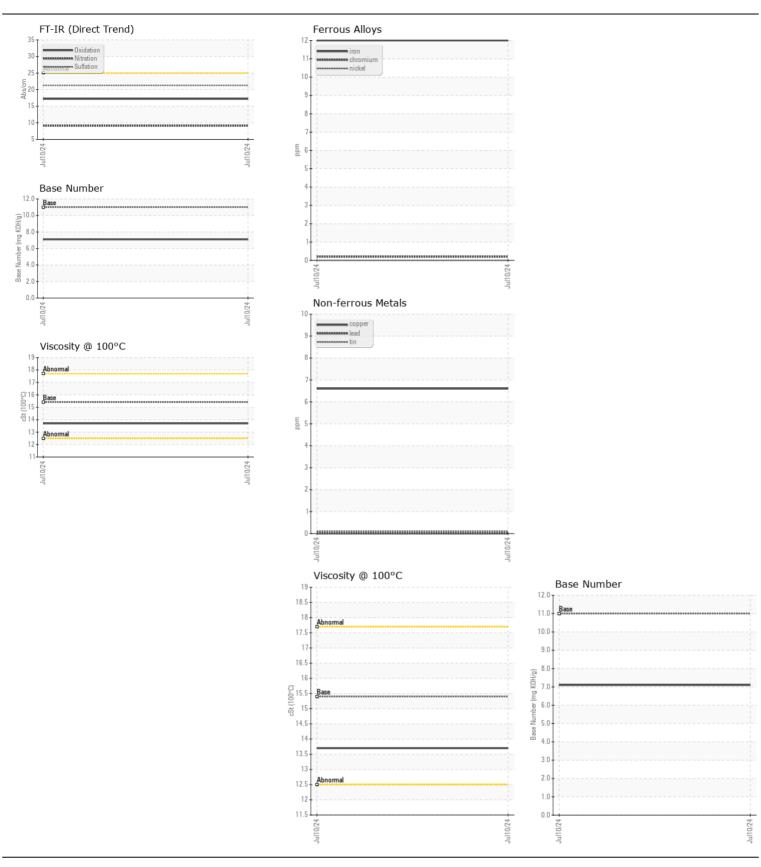
PETERBILT 496367

Diesel Engine

Fluid

CITGO CITGUARD 600 15W40 (48 QTS)

CIIGO CIIGUARD 600 15W40 (48 Q15)					.,		
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		RPL0022280		
Resample at the next service interval to monitor. (Customer Sample	Sample Date		Client Info		10 Jul 2024		
Comment: Top Up Amount: 2 QTS)	Machine Age	mls	Client Info		331674		
	Oil Age	mls	Client Info		18426		
	Filter Age	mls	Client Info		18426		
	Oil Changed		Client Info		Oil Added		
	Filter Changed		Client Info		Not Changd		
	Sample Status				NORMAL		
WEAD	Iron	nnm	ACTM DE10Em	. 110	40		
WEAR	Iron Chromium	ppm	ASTM D5185m ASTM D5185m		12 <1		
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm ppm	ASTM D5185m	>2	<1		
	Silver	ppm	ASTM D5185m	~ 2	<1		
	Aluminum	ppm	ASTM D5185m		3		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m		7		
	Tin	ppm	ASTM D5185m		<1		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>30	7		
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		3		
	Fuel		WC Method		<1.0		
	Water		WC Method	>0.2	NEG		
	Glycol		WC Method		NEG		
	Soot %	%	*ASTM D7844		0.3		
	Nitration	Abs/cm	*ASTM D7624	>20	9.1		
	Sulfation	Abs/.1mm	*ASTM D7415		21.3		
	Silt Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar scalar	*Visual	NONE	NONE NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water		*Visual	>0.2	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		3		
The DN was this disease that there is a vitable all all with was a single in the	Boron	ppm	ASTM D5185m	13	4		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m	0	0		
	Molybdenum	ppm	ASTM D5185m	57	64		
	Manganese	ppm	ASTM D5185m		2		
	Magnesium	ppm	ASTM D5185m		422		
	Calcium	ppm		1100	1862		
	Phosphorus	ppm	ASTM D5185m		1107		
	Zinc	ppm	ASTM D5185m		1339		
	Sulfur	ppm	ASTM D5185m		3845		
	Oxidation	Abs/.1mm	*ASTM D7414		17.2		
					/ 1		
	Base Number (BN) Visc @ 100°C	mg KUH/g cSt	ASTM D2896 ASTM D445		7.1 13.7		







Certificate L2367

Report Id: PAC7025 [WUSCAR] 06238810 (Generated: 07/17/2024 15:47:14) Rev: 1

Laboratory Sample No.

Lab Number : 06238810 Unique Number : 11127644 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : RPL0022280

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Received : 17 Jul 2024 **Tested** : 17 Jul 2024

Diagnosed : 17 Jul 2024 - Jonathan Hester RTL PACLEASE - 7025 - Tampa 8109 East Adamo Drive Tampa, FL US 33619

Contact: Michael Reid REIDM@RushEnterprises.com T: (813)371-2130

* - 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)