WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

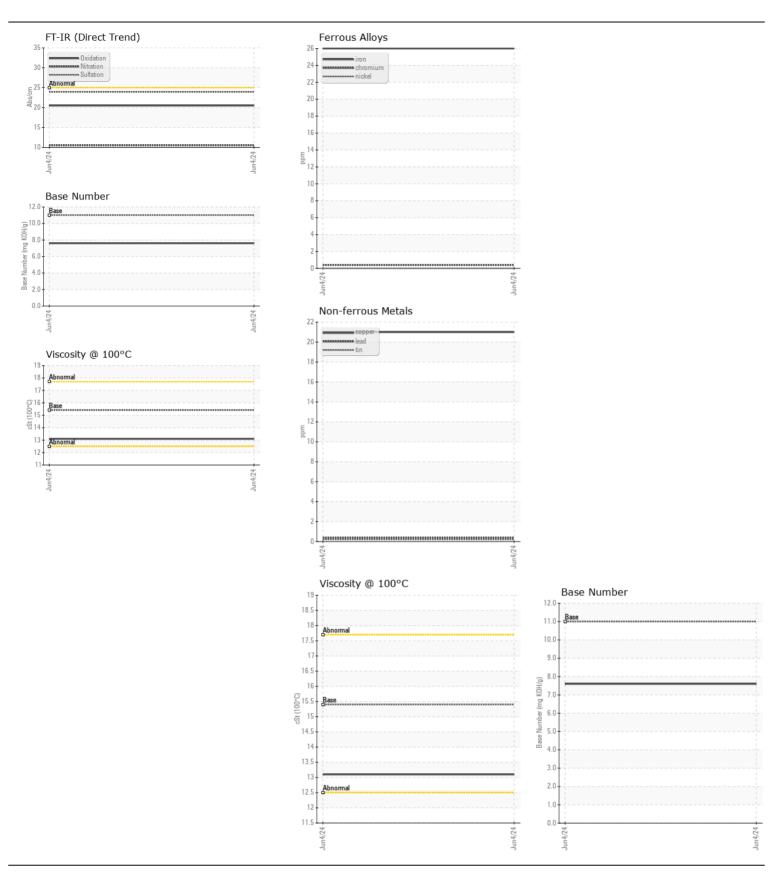
Machine Id

## **PETERBILT 496684**

Diesel Engine

CITGO CITGUARD 600 15W40 (24 QTS)

Machine Age   mls   Client Info   7772   7	CHGO CHGUARD 600 15W40 (24 QTS)					.,		
Resample at the next service interval to monitor.   Sample Number   Sample Date   Client Into   Oxamoza   Oxamoza	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Resample at the next service interval to monitor.	Sample Number		Client Info				
Machine Age   mils								
Oil Age		·	mls	Client Info		7772		
Oil Changed   Client Info   Not Change   C		Oil Age	mls			7772		
Filter Changed   Calient Info   Nort Changed   Nort Nort MALL			mls	Client Info				
Filter Changed   Calient Info   Nort Changed   Nort Nort MALL		Oil Changed		Client Info		Not Changd		
Normal   N		-		Client Info		_		
Chromium   ppm   ASTM 05185m   3-20		Sample Status				_		
Chromium   ppm   ASTM 05185m   3-20								
Nicke	WEAR							
Titanium   ppm   ASTM DSISS	Metal levels are typical for a components first oil change.		ppm					
Silver   ppm   ASTM D5185m   >3   0         Aluminum   ppm   ASTM D5185m   >30   6         Lead   ppm   ASTM D5185m   >30   21       Copper   ppm   ASTM D5185m   >300   21       Tin   ppm   ASTM D5185m   >300   21       Vanadium   ppm   ASTM D5185m   >300   21       Vanadium   ppm   ASTM D5185m   >300   21       Vanadium   ppm   ASTM D5185m   >350   21       Vanadium   ppm   ASTM D5185m   >350   21       Vanadium   ppm   ASTM D5185m   >350   21       Vanadium   ppm   ASTM D5185m   >20   13       Potassium   ppm   ASTM D5185m   >20   10   5       Sol's   % 'ASTM D784d   >3   0.4       Sol's   Sol's   % 'ASTM D5185m   0.0   NONE       Potassium   Ppm   ASTM D5185m   0.0   6       Potassium   ppm   ASTM D5185m   0.0   6       Sol's   Sol's   % 'ASTM D5185m   0.0   6       Sol's   Sol's   Sol's   Sol's   Sol's   Sol's       Sol's   S					>4			
Aluminum   ppm   ASTM D6185m   >20   6			ppm					
Lead   ppm   ASTM D5185m   >40   <1           Copper   ppm   ASTM D5185m   >330   21           Tin   ppm   ASTM D5185m   >330   21           Vanadium   ppm   ASTM D5185m   <1           Vanadium   ppm   ASTM D5185m   <1           Visual   NONE   NONE           Visual   NONE           Visual   NONE   NONE             Visual   NONE   NONE             Visual   NONE   NONE               Visual   NONE   NONE             Visual   NONE   NONE             Visual   NONE   NONE             Visual   NONE   NONE             Visual   NONE   NONE             Visual   NONE           Visual   NONE   NONE   NONE   NONE   NONE   NONE								
Copper			ppm			6		
Tin								
Vanadium   Vanadium			ppm					
White Metal Yellow Metal   Scalar   *Visual   NONE   NON			ppm		>15			
Silicon   ppm   ASTM D5185m   >25   15								
Silicon   ppm   ASTM D5185m   >25   15			scalar					
Potassium   ppm   ASTM D5185m   20   13		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium   ppm   ASTM D5185m   20   13	CONTAMINATION	Silicon	nnm	ASTM D5185m	<b>&gt;25</b>	15		
There is no indication of any contamination in the oil.    Fue    WC Method   >0.2   NEG	CONTAMINATION							
Water   WC Method   >0.2   NEG	There is no indication of any contamination in the oil.		ррпп					
Glycol								
Soot %					70.L			
Nitration		-	%		>3			
Sulfation   Abs/.1mm   *ASTM D7415   >30   23.9								
Silt   scalar *Visual   NONE   NONE   NONE   Sand/Dirt   scalar *Visual   NONE   NONE   NONE   Sand/Dirt   scalar *Visual   NONE   NONE   NONE   Sand/Dirt   scalar *Visual   NORML   NORML								
Debris   Scalar   *Visual   NONE   NONE   Sand/Dirt   Scalar   *Visual   NORML   NORML   Scalar   *Visual   NORML   NORML   Scalar   *Visual   NORML   NORML   Scalar   *Visual   NORML   NORML   Scalar   *Visual   Scala								
Sand/Dirt   Scalar   *Visual   NONE   NONE       NONE   Appearance   Scalar   *Visual   NORML   NORM								
Appearance   Scalar   *Visual   NORML   NORML   NORML   Emulsified Water   Scalar   *Visual   NORML   NORML   NORML   NORML   Emulsified Water   Scalar   *Visual   NORML								
Oddr   Scalar   *Visual   NORML   NO								
Emulsified Water   scalar   *Visual   >0.2   NEG		• •						
Sodium   ppm   ASTM D5185m   13   161		<b>Emulsified Water</b>		*Visual		NEG		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.    Boron   ppm   ASTM D5185m   0   6           Molybdenum   ppm   ASTM D5185m   57   109           Manganese   ppm   ASTM D5185m   57   109           Manganese   ppm   ASTM D5185m   825   715           Calcium   ppm   ASTM D5185m   1100   1607           Phosphorus   ppm   ASTM D5185m   933   725           Zinc   ppm   ASTM D5185m   1089   923           Sulfur   ppm   ASTM D5185m   2769   2967           Oxidation   Abs/.1mm   *ASTM D7414   >25   20.5           Base Number (BN)   mg KOH/g   ASTM D2896   11.0   7.6								
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oil. The condition of the oil is suitable for further service.    Molybdenum   ppm   ASTM D5185m   57   109         Manganese   ppm   ASTM D5185m   6         Magnesium   ppm   ASTM D5185m   825   715         Calcium   ppm   ASTM D5185m   1100   1607         Phosphorus   ppm   ASTM D5185m   1089   923         Zinc   ppm   ASTM D5185m   1089   923         Sulfur   ppm   ASTM D5185m   2769   2967         Oxidation   Abs/.1mm   *ASTM D7414   >25   20.5         Base Number (BN)   mg KOH/g   ASTM D2896   11.0   7.6			ppm					
Molybdenum         ppm         ASTM D5185m         57         109             Manganese         ppm         ASTM D5185m         6             Magnesium         ppm         ASTM D5185m         825         715             Calcium         ppm         ASTM D5185m         1100         1607             Phosphorus         ppm         ASTM D5185m         933         725             Zinc         ppm         ASTM D5185m         1089         923             Sulfur         ppm         ASTM D5185m         2769         2967             Oxidation         Abs/.1mm         *ASTM D7414         >25         20.5             Base Number (BN)         mg KOH/g         ASTM D2896         11.0         7.6	oil. The condition of the oil is suitable for further service.							
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Sulfur         ppm         ASTM D5185m         2769         2967             Oxidation         Abs/.1mm         *ASTM D7414         >25         20.5             Base Number (BN)         mg KOH/g         ASTM D2896         11.0         7.6			ppm					
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Base Number (BN)         mg KOH/g         ASTM D2896         11.0         7.6								
, , , ,								
Visc @ 100°C cSt ASTM D445 15.4 13.1		, ,	0 0					
		Visc @ 100°C	cSt	ASTM D445	15.4	13.1		







Certificate L2367

Laboratory Sample No.

Lab Number : 06223381 Unique Number : 11101578 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : RPL0004206

**Tested** : 01 Jul 2024 Diagnosed : 01 Jul 2024 - Wes Davis

: 28 Jun 2024

RTL PACLEASE - 7025 - Tampa 8109 East Adamo Drive Tampa, FL US 33619

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

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)