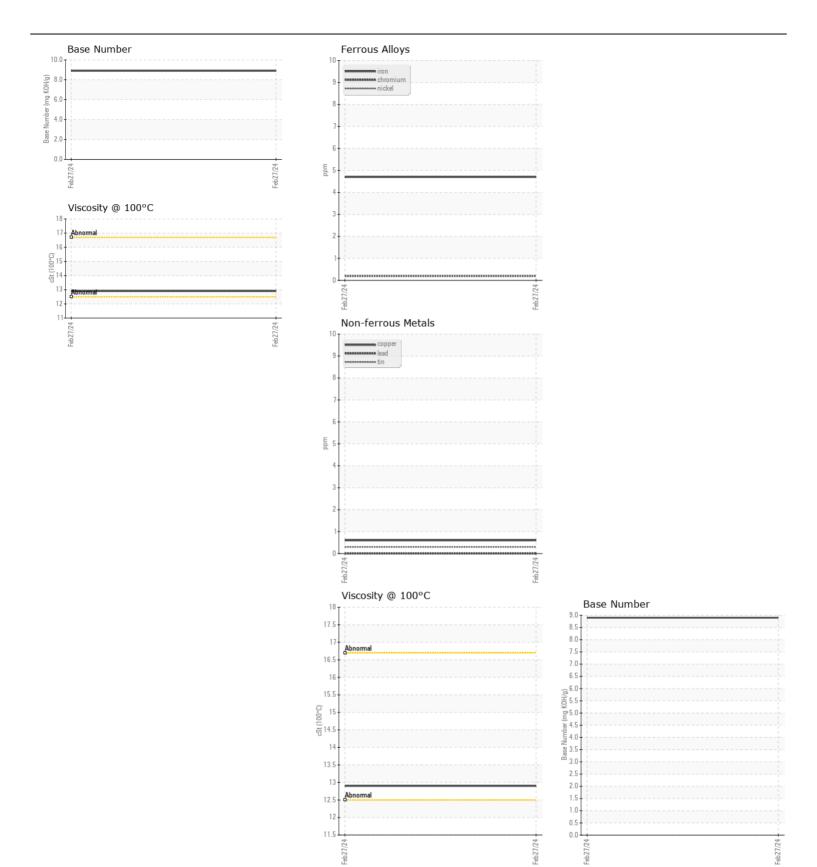


**WEAR** CONTAMINATION **FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

## **PETERBILT 846-4228**

Test	1 Diesel Engine							
Test	{not provided} ( GAL)							
Sample Number   Client Info   SPL0017927   Sample Number   S		Test	LIOM	Method	Limit/Ahn	Current	History1	History2
Resample at the next service interval to monitor. Pleases specify the prand, type, and viscosity of the oil on your next sample.	Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.		OOW		LITTIO/TOTT		-	
Machine Age   mis   Cilent Info   437234		•						
Filter Age		·	mls					
Oil Changed   Client Info   Not Changed   Client Info		Oil Age	mls	Client Info		1835		
Filter Changed   Sample Status   Sample Stat			mls	Client Info		1835		
NORMAL		Oil Changed		Client Info		Not Changd		
Iron		Filter Changed		Client Info		Not Changd		
All component wear rates are normal.    Chromium   ppm   ASTM D5165m   >2   <1         Titanium   ppm   ASTM D5165m   >2   <1         Titanium   ppm   ASTM D5165m   >2   <1         Sliver   ppm   ASTM D5165m   >2   0       All uninum   ppm   ASTM D5165m   >2   0       All uninum   ppm   ASTM D5165m   >2   0       ASTM D5165m   >4   <1         Copper   ppm   ASTM D5165m   >4   <1       Vanadium   ppm   ASTM D5165m   >4   <1       Validow Metal   scalar   Visual   NONE   NONE       Validow Metal   Scala		Sample Status				NORMAL		
All component wear rates are normal.    Chromium   ppm   ASTM D5165m   >2   <1         Titanium   ppm   ASTM D5165m   >2   <1         Titanium   ppm   ASTM D5165m   >2   <1         Sliver   ppm   ASTM D5165m   >2   0       All uninum   ppm   ASTM D5165m   >2   0       All uninum   ppm   ASTM D5165m   >2   0       ASTM D5165m   >4   <1         Copper   ppm   ASTM D5165m   >4   <1       Vanadium   ppm   ASTM D5165m   >4   <1       Validow Metal   scalar   Visual   NONE   NONE       Validow Metal   Scala	WEAR	Iron	ppm	ASTM D5185m	>110	5		
Notice   Spill   Sall   Spill   Sall   Spill   Spill		Chromium		ASTM D5185m	>4	<1		
Silver	All component wear rates are normal.	Nickel	ppm	ASTM D5185m	>2	<1		
Aluminum   ppm   ASTM D5185m   >25   2		Titanium	ppm	ASTM D5185m		<1		
Lead		Silver	ppm	ASTM D5185m	>2	0		
Copper		Aluminum	ppm	ASTM D5185m	>25	2		
Tin		Lead	ppm	ASTM D5185m	>45	0		
Vanadium   ppm   ASTM 05185m   NONE   NONE   White Metal   scalar   Visual   NONE   NONE   NONE   Water   Stalar   Visual   NONE   NO		Copper	ppm	ASTM D5185m	>85	<1		
White Metal   Scalar   Visual   NONE   NON		Tin	ppm	ASTM D5185m	>4	<1		
Vellow Metal   Scalar   Visual   NONE   NONE		Vanadium	ppm	ASTM D5185m		_		
Silicon   ppm   ASTM D5185m   >30   8			scalar					
Potassium   ppm   ASTM D5185m   20   3		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium   ppm   ASTM D5185m   20   3	CONTAMINATION	Silicon	maa	ASTM D5185m	>30	8		
Fuel   WC Method   So.2   NEG   So.2   NEG								
Glycol	There is no indication of any contamination in the oil.	Fuel				<1.0		
Soot %		Water		WC Method	>0.2	NEG		
Nitration		Glycol		WC Method		NEG		
Sulfation   Abs/.1mm   *ASTM D7415   >30   21.4		Soot %	%	*ASTM D7844	>3	0.1		
Silt   scalar   *Visual   NONE   NONE   NONE   NONE   Sand/Dirt   scalar   *Visual   NONE   NORML		Nitration	Abs/cm	*ASTM D7624	>20	6.6		
Debris   Scalar   *Visual   NONE   NONE   Sand/Dirt   Scalar   *Visual   NORML   NORML   NORML   Scalar   *Visual   NORML   NORML   NORML   Scalar   *Visual   NORML   NORML   NORML   Scalar   *Visual   Scalar   *Visual		Sulfation	Abs/.1mm	*ASTM D7415	>30	21.4		
Sand/Dirt   Scalar   *Visual   NONE   NONE   Appearance   Scalar   *Visual   NORML		Silt	scalar		NONE			
Appearance   Scalar   Visual   NORML   NORML		Debris	scalar					
Codor   Scalar   *Visual   NORML   N			scalar					
Emulsified Water   scalar *Visual   >0.2   NEG		• •						
Sodium   ppm   ASTM D5185m   1								
Boron   ppm   ASTM D5185m   77	·	Emuisified water	scalar	"VISUAI	>0.2	NEG		
Boron   ppm   ASTM D5185m   77	FLUID CONDITION	Sodium	ppm	ASTM D5185m		1		
Molybdenum   ppm   ASTM D5185m   63		Boron	ppm	ASTM D5185m		77		
Molybdenum         ppm         ASTM D5185m         63             Manganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         543             Calcium         ppm         ASTM D5185m         1523             Phosphorus         ppm         ASTM D5185m         768             Zinc         ppm         ASTM D5185m         914             Sulfur         ppm         ASTM D5185m         2857             Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9	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		
Magnesium         ppm         ASTM D5185m         543             Calcium         ppm         ASTM D5185m         1523             Phosphorus         ppm         ASTM D5185m         768             Zinc         ppm         ASTM D5185m         914             Sulfur         ppm         ASTM D5185m         2857             Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9		Molybdenum	ppm	ASTM D5185m				
Calcium         ppm         ASTM D5185m         1523             Phosphorus         ppm         ASTM D5185m         768             Zinc         ppm         ASTM D5185m         914             Sulfur         ppm         ASTM D5185m         2857             Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9		Manganese	ppm					
Phosphorus         ppm         ASTM D5185m         768             Zinc         ppm         ASTM D5185m         914             Sulfur         ppm         ASTM D5185m         2857             Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9		•	ppm	ASTM D5185m				
Zinc         ppm         ASTM D5185m         914             Sulfur         ppm         ASTM D5185m         2857             Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9			ppm					
Sulfur         ppm         ASTM D5185m         2857             Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9								
Oxidation         Abs/.1mm         *ASTM D7414         >25         19.0             Base Number (BN)         mg KOH/g         ASTM D2896         8.9								
Base Number (BN)   mg KOH/g   ASTM D2896   8.9								
					>25			
visc @ 100°C cSt ASIM D445 12.9		,	0 0					
		visc @ 100°C	COI	AS I M D445		12.9		







Certificate L2367

Laboratory Sample No.

: RPL0017927 Lab Number : 06121976 Unique Number: 10936127 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Mar 2024 : 19 Mar 2024 **Tested** 

: 19 Mar 2024 - Wes Davis Diagnosed

RTL PACLEASE - 7006 - Pico Rivera

7837 Telegraph Rd Pico Rivera, CA US 90660

Contact: GERARDO CARROLA carrolag@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: