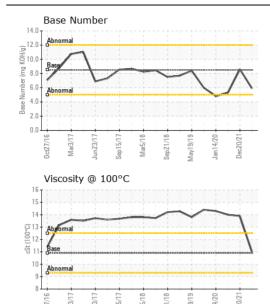
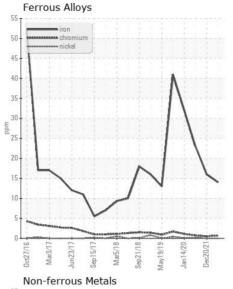
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

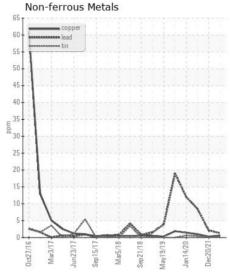
PETERBILT 845

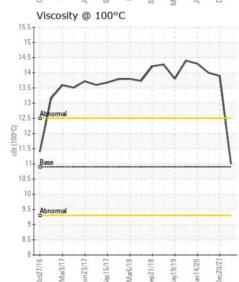
Component Diesel Engine

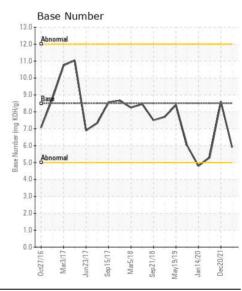
Test	UOM	Method	Limit/Abn	Current	HICTORY/]	
Comple Number			LITTIO/ NOT	WC0886842	History1	History2
Sample Number		Client Info		15 Feb 2024	WC0626748	WC0441708
Sample Date	hre	Client Info			20 Dec 2021	17 Apr 2020 8959
•						0
-						0
	1110					Changed
_					_	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	nnm	ASTM D5185m	<165	1/1	16	23
						<1
						<1
					_	0
						0
						2
						8
						1
						<1
				0		0
		*Visual	NONE	-	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	nnm	ASTM D5185m	\35	4	4	5
						4
	ppiii				·	<1.0
						NEG
						NEG
Soot %	%	*ASTM D7844	>7.5		0.5	0.7
Nitration	Abs/cm		>20	10.1	10.7	10.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.7	23	26.8
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORMI
Odor	scalar	*Visual	NORML	NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		3	0	4
Boron	ppm	ASTM D5185m	250	3	3	9
Barium	ppm			<1	0	0
Molybdenum	ppm	ASTM D5185m	100	58	63	8
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm			958	982	58
Calcium	ppm			1030	1279	2397
Phosphorus	ppm			985		872
Zinc	ppm			1199	1381	1018
	ppm					3939
O: - - 1:	Abs/.1mm	*ASTM D7414	\25	19.0	18.5	17
Oxidation Base Number (BN)				5.9	8.6	5.3
	Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/cm Sulfation Abs/.1mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Sulfur ppm Sulfur ppm Sulfur	Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Client Info Client Info Oil Changed Filter Changed Sample Status Iron Chromium ppm ASTM D5185m Chromium ppm ASTM D5185m Titanium ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Vellow Metal Scalar Visual Silicon Soot % % ASTM D5185m Fuel WC Method Water WC Method Water WC Method Soot % % ASTM D7415 Silt scalar Visual Debris scalar *Visual Appearance Scalar *Visual Appearance Scalar *Visual Sodium Appearance Scalar *Visual Appearance Scalar *Visual Sodium Appearance Scalar *Visual Appearance Scalar *Visual	Machine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoSample StatusClient InfoIronppmASTM D5185mPotromiumppmASTM D5185mNickelppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mTinppmASTM D5185mVanadiumppmASTM D5185mWhite Metalscalar*VisualYellow Metalscalar*VisualNONESiliconppmASTM D5185mPotassiumppmASTM D5185mPotassiumppmASTM D5185mPotassiumppmASTM D5185mPotassiumppmASTM D7844FuelWC Method>0.2WaterWC Method>0.2GlycolWC Method>0.2Sot %*ASTM D7844>7.5NitrationAbs/cm*ASTM D7844>7.5NitrationAbs/cm*ASTM D7845>30Siltscalar*VisualNONESand/Dirtscalar*VisualNONEAppearancescalar*VisualNONEAppearancescalar*VisualNORMLEm	Machine Age hrs Client Info 467919 Oil Age hrs Client Info 24000 Filter Age hrs Client Info 24000 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m -165 14 Chromium ppm ASTM D5185m >5 <1	Machine Age hrs Client Info 467919 426910 Oil Age hrs Client Info 24000 0 Filter Age hrs Client Info 24000 0 Filter Age Client Info Changed Changed Filter Changed Client Info Changed Changed Sample Status Client Info Changed NORMAL Iron ppm ASTM D5185m >165 14 16 Chromium ppm ASTM D5185m >5 <1













Certificate L2367

Laboratory Sample No.

: WC0886842 Lab Number : 06099774 Unique Number : 10898004

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Feb 2024 : 27 Feb 2024 **Tested**

: 27 Feb 2024 - Wes Davis Diagnosed Test Package : FLEET

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. **CARCO TRANSPORTATION**

2801 MIDLAND BLVD. FORT SMITH, AR US 72904

Contact: RON BALL rball@carcotrans.com

T: (479)441-3228 F:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)