WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

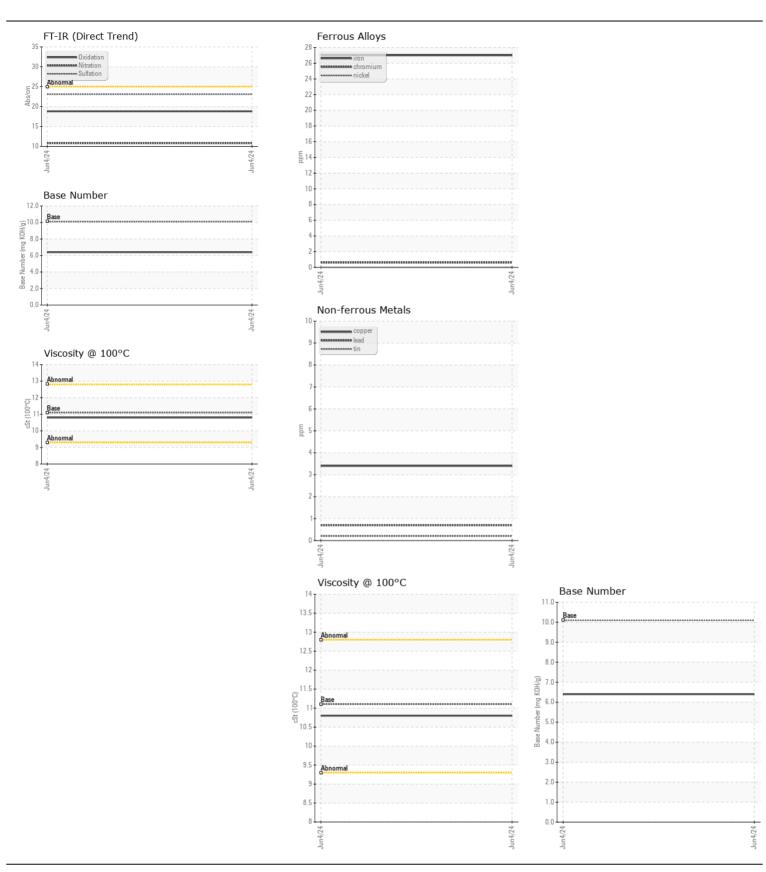
Machine Id

PETERBILT 827782

Diesel Engine

CHEVRON DELO 400 SAE 10W30 (24 QTS)

All component wear rates are normal. Chromium ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m >2 <1 Silver ppm ASTM D5185m >2 <1 Aluminum ppm ASTM D5185m >20 10 Copper ppm ASTM D5185m >30 3 Vanadium ppm ASTM D5185m >30 3 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >15 <1 Vanadium ppm ASTM D5185m >25 7 Van	CHEVRON DELO 400 SAE 10W30 (24 QTS)					.,		
Resample at the next service interval to monitor.	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.		Sample Number		Client Info				
Machine Age mis Client Info 180887	Resample at the next service interval to monitor.					04 Jun 2024		
Filter Age			mls	Client Info		150587		
Filter Age		Oil Age	mls	Client Info		17822		
Oil Changed Client Info Changed Client Info Changed Changed Client Info Changed Changed			mls	Client Info		17822		
Filter Changood Client Info Changed Ch		_				Changed		
NORMAL N		_						
Iron		_				_		
Chromium ppm ASTM DS185m >20 <1								
Nickel ppm ASTM 05186m >2 <1	WEAR		ppm			27		
Titianium ppm ASTM05185m >2	All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>20	<1		
Silver ppm ASTM DS186m >20 -10		Nickel	ppm	ASTM D5185m	>2	0		
Aluminum ppm ASTM D5185m >20 10		Titanium	ppm	ASTM D5185m	>2	<1		
Lead			ppm	ASTM D5185m	>2	<1		
Copper		Aluminum	ppm	ASTM D5185m	>20	10		
Tin		Lead	ppm	ASTM D5185m	>40	<1		
Vanadium Vanadium		Copper	ppm	ASTM D5185m	>330	3		
White Metal Yellow Metal Scalar *Visual NONE NON		Tin	ppm	ASTM D5185m	>15	<1		
Yellow Metal Scalar Visual NONE NONE Silicon ppm ASTM D5185m >20 21 Yellow Metal Scalar Yisual NONE NONE Potassium ppm ASTM D5185m >20 21 Water WC Method So.2 NEG Water WC Method So.2 NEG Glycol WC Method So.2 NEG Nitration Abs/rmm ASTM D724 >20 10.8 Nitration Abs/rmm ASTM D724 >20 10.8 Sulfation Abs/rmm ASTM D724 >20 10.8 Sand/Dirt Scalar Visual NONE NONE NONE Sand/Dirt Scalar Visual NONE NONE NONE Appearance Scalar Visual NONE NONE Appearance Scalar Visual NORML NORM		Vanadium	ppm	ASTM D5185m		0		
Silicon ppm ASTM D5185m >25 7		White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 21		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 21	CONTANDIATION					_		
Fuel WC Method So.2 NEG So.2 NEG	CONTAMINATION		• •					
Water	There is no indication of any contamination in the oil.		ppm					
Glycol								
Soot %					>0.2			
Nitration Abs/cm *ASTM D7624 >20 10.8		•						
Sulfation Abs/.time ASTM D7415 >30 23.1 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Appearance scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Appearance scalar *Visual NORML NOR								
Silt scalar *Visual NONE NORML NORML								
Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML N								
Sand/Dirt Scalar *Visual 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								
Calcium Calc								
Emulsified Water scalar *Visual >0.2 NEG		• •						
Sodium ppm ASTM D5185m 106								
Boron ppm ASTM D5185m 106 Magnesium ppm ASTM D5185m 47 Magnesium ppm ASTM D5185m 47 Magnesium ppm ASTM D5185m 47 Magnesium ppm ASTM D5185m 524 Calcium ppm ASTM D5185m 1439 Phosphorus ppm ASTM D5185m 1260 926 Sulfur ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4		Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 106 Magnesium ppm ASTM D5185m 47 Magnesium ppm ASTM D5185m 47 Magnesium ppm ASTM D5185m 47 Magnesium ppm ASTM D5185m 524 Calcium ppm ASTM D5185m 1439 Phosphorus ppm ASTM D5185m 1260 926 Sulfur ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4	ELUID CONDITION	Sodium	nnm	ASTM D5185m		4		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service. Barium ppm ASTM D5185m 47 Molybdenum ppm ASTM D5185m 47 Manganese ppm ASTM D5185m 524 Calcium ppm ASTM D5185m 1439 Phosphorus ppm ASTM D5185m 1260 926 Zinc ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4	TEOID CONDITION							
Molybdenum ppm ASTM D5185m	The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.							
Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 524 Calcium ppm ASTM D5185m 1439 Phosphorus ppm ASTM D5185m 1260 926 Zinc ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4								
Magnesium ppm ASTM D5185m 524 Calcium ppm ASTM D5185m 1439 Phosphorus ppm ASTM D5185m 1260 926 Zinc ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4		-						
Calcium ppm ASTM D5185m 1439 Phosphorus ppm ASTM D5185m 1260 926 Zinc ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4								
Phosphorus ppm ASTM D5185m 1260 926 Zinc ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4		•						
Zinc ppm ASTM D5185m 1400 1035 Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4					1260			
Sulfur ppm ASTM D5185m 3704 Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4								
Oxidation Abs/.1mm *ASTM D7414 >25 18.8 Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4					1400			
Base Number (BN) mg KOH/g ASTM D2896 10.1 6.4					>25			
VISC @ 100 C CSL ASTWID445 11.1 10.6		, ,						
		visc @ 100°C	USI	MO 1 IVI D445	11.1	10.8		







Certificate L2367

Laboratory

Sample No.

Lab Number : 06231221 Unique Number : 11114714 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : RPL0004762 : 09 Jul 2024 **Tested** : 10 Jul 2024

Diagnosed : 10 Jul 2024 - Don Baldridge

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.

RTL PACLEASE - 7009 - Nashville

900 Expo Dr. Smyrna, TN US 37167

Contact: TECHNICIAN ACCOUNT catherine.anastasio@wearcheck.com

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