

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

Area

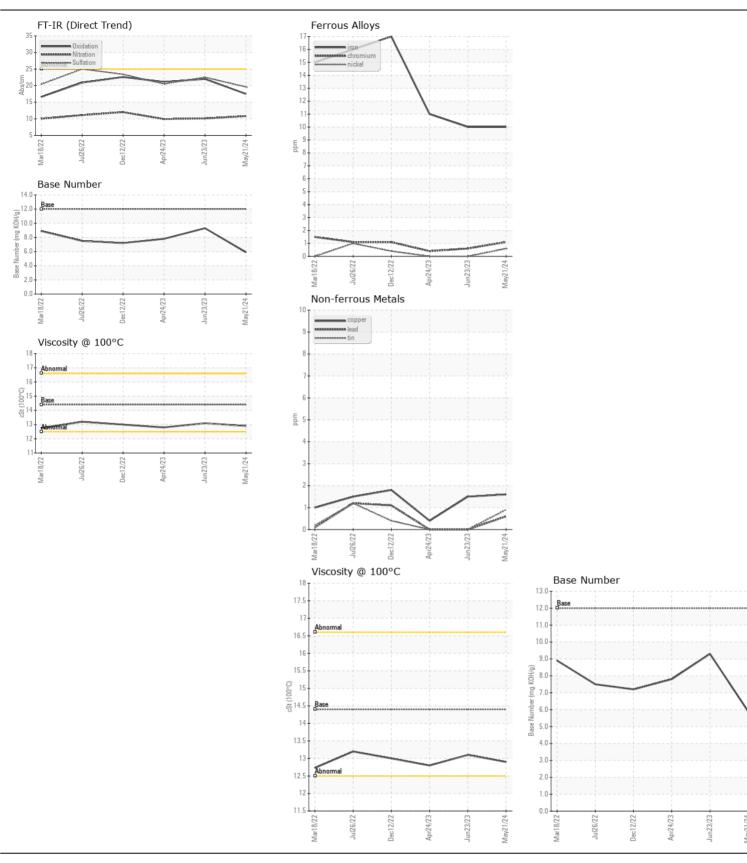
[44658318]

PETERBILT 8573622

Diesel Engine

MOBIL DELVAC MX 15W40 (23 QTS)

Sample Date Client Info 295028 253175 240986	MOBIL DELVAC MX 15W40 (23 QTS)							
Sample Number Client Info SPL0014987 PR001298 PR0012018 PR0012018	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Hesample at the next service interval to monitor.	Resample at the next service interval to monitor.	Sample Number		Client Info			RPL0012193	RPL0012106
Machine Age mis Client Info 285028 253175 240986 Client Info Clind Info Changed Client Info Changed Client Info Changed Changed						21 May 2024		24 Apr 2023
Filler Age		Machine Age	mls	Client Info		-	253175	
Oil Changed Cilent Info Changed Change		Oil Age	mls	Client Info		26823	12189	12193
Oil Changed Cilent Info Changed Change		Filter Age	mls	Client Info		26823		
Filter Changed Changed		Oil Changed		Client Info		Changed	Changed	Changed
NORMAL N				Client Info		Changed	Changed	Changed
Chromium ppm ASTM D5185m >20 1 <1 <1 <1 <1 <1 <1 <1		_					NORMAL	NORMAL
Chromium ppm ASTM D5185m >20 1 <1 <1 <1 <1 <1 <1 <1	WEAR	Iron	nom	ASTM D5185m	>100	10	10	11
Nicket ppm ASTM D5188m >4 <1 0 0 0	WEAT							
Titanium ppm ASTM 0585m <1 <1 0 0	All component wear rates are normal.							
Silver ppm ASTM D6185m >3 <1 0 0 0 0 0					77			
Aluminum ppm ASTM D5185m >20 5 2 4					. 0			
Lead								
Copper								
Tin								
Vanadium Vanadium								
White Metal Yellow Metal Scalar *Visual NONE NON					>15			
Silicon ppm ASTM D5185m >25 6 5 5								
Silicon ppm ASTM D5185m >25 6 5 5 Potassium ppm ASTM D5185m >20 4 4 2 Fuel WC Method >5 <1.0 <1.0 <1.0 <1.0 Vater WC Method >5 <1.0 <1.0 <1.0 Vater WC Method >5 <1.0 <1.0 NEG NEG NEG NEG NEG NEG NEG NEG NEG Nitration Abs/cm *ASTM D7844 >3 0.3 0.3 0.3 Nitration Abs/cm *ASTM D7844 >3 0.3 0.3 0.3 Silit scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML NORML NORML Odor scalar *Visual NORML Emulsified Water scalar *Visual NORML NORML NORML NORML NORML NORML NORML Molybdenum ppm ASTM D5185m 0 11 0 Molybdenum ppm ASTM D5185m 0 11 0 Magnesium ppm ASTM D5185m 684 488 497 Calcium ppm ASTM D5185m 1338 1586 1660 Phosphorus ppm ASTM D5185m 948 899 952 Zinc ppm ASTM D5185m 948 899 952 Zinc ppm ASTM D5185m 948 899 952 Zinc ppm ASTM D5185m 3113 2794 2634 Oxidation ASTM D2896 12 5.9 9.3 7.8								
Potassium ppm ASTM D5185m 2-0 4 4 2		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Fuel WC Method >5 <1.0 <1.0 <1.0 <1.0 <1.0	CONTAMINATION	Silicon	ppm			6	5	5
Water	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	4	4	2
Glycol		Fuel		WC Method	>5	<1.0	<1.0	<1.0
Soot %		Water		WC Method	>0.2	NEG	NEG	NEG
Nitration		Glycol		WC Method		NEG	NEG	NEG
Sulfation Abs/.lmm *ASTM D7415 >30 19.6 22.5 20.5		Soot %	%	*ASTM D7844	>3	0.3	0.3	0.3
Silt scalar *Visual NONE NORML NORM		Nitration	Abs/cm	*ASTM D7624	>20	10.8	10.1	9.9
Debris Scalar *Visual NONE NONE NONE NONE Sand/Dirt Scalar *Visual NONE NORML N		Sulfation	Abs/.1mm	*ASTM D7415	>30	19.6	22.5	20.5
Sand/Dirt Scalar *Visual NONE NONE NONE Appearance Scalar *Visual NORML		Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt Scalar *Visual NONE NONE NONE Appearance Scalar *Visual NORML		Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance Scalar Visual NORML NORML		Sand/Dirt	scalar	*Visual		NONE		NONE
Oddr Scalar *Visual NORML NORM								NORML
Emulsified Water scalar *Visual >0.2 NEG NEG NEG						NORML		NORML
Boron ppm ASTM D5185m 0		Emulsified Water	scalar	*Visual			NEG	
Boron ppm ASTM D5185m 0	FI LIID CONDITION	Sodium	mag	ASTM D5185m		2	2	2
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 104 44 41	I LOID CONDITION							
Molybdenum ppm ASTM D5185m	The BN result indicates that there is suitable alkalinity remaining in the							
Manganese ppm ASTM D5185m <1 <1 <1 Magnesium ppm ASTM D5185m 684 488 497 Calcium ppm ASTM D5185m 1338 1586 1660 Phosphorus ppm ASTM D5185m 668 723 759 Zinc ppm ASTM D5185m 949 899 952 Sulfur ppm ASTM D5185m 3113 2794 2634 Oxidation Abs/.1mm *ASTM D7414 >25 17.5 22.0 21.1 Base Number (BN) mg KOH/g ASTM D2896 12 5.9 9.3 7.8	oil. The condition of the oil is suitable for further service.							
Magnesium ppm ASTM D5185m 684 488 497 Calcium ppm ASTM D5185m 1338 1586 1660 Phosphorus ppm ASTM D5185m 668 723 759 Zinc ppm ASTM D5185m 949 899 952 Sulfur ppm ASTM D5185m 3113 2794 2634 Oxidation Abs/.1mm *ASTM D7414 >25 17.5 22.0 21.1 Base Number (BN) mg KOH/g ASTM D2896 12 5.9 9.3 7.8								
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Phosphorus ppm ASTM D5185m 668 723 759 Zinc ppm ASTM D5185m 949 899 952 Sulfur ppm ASTM D5185m 3113 2794 2634 Oxidation Abs/.1mm *ASTM D7414 >25 17.5 22.0 21.1 Base Number (BN) mg KOH/g ASTM D2896 12 5.9 9.3 7.8								
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Base Number (BN) mg KOH/g ASTM D2896 12 5.9 9.3 7.8					05			
VISC @ 100°C cSt ASIM D445 14.4 12.9 13.1 12.8								
		visc @ 100°C	cst	ASTM D445	14.4	12.9	13.1	12.8







Certificate L2367

Laboratory Sample No.

Lab Number : 06190263 Unique Number : 11047015 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : RPL0016497 : 24 May 2024

Tested : 25 May 2024 Diagnosed : 25 May 2024 - Wes Davis

RTL PACLEASE - 7002 - San Antonio

8810 IH-10 Frontage Road Converse, TX

US 78109 Contact: Mike Friel

FrielM@RushEnterprises.Com T: (210)901-7283

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)

F: Submitted By: Mike Friel