

NORMAL WEAR NORMAL CONTAMINATION FLUID CONDITION NORMAL

Machine Id

PETERBILT 8574902 Componer **Diesel Engine MOBIL 15W40 (45 QTS)**

WOBIL 15040 (45 Q15)								
RECOMMENDATION		Test	UOM	Method	Limit/Abn	Current	History1	History2
Decembra et the next comics interve		Sample Number		Client Info		RPL0015912	RPL0009515	RPL0006316
Resample at the next service interval to monitor.		Sample Date		Client Info		21 May 2024	10 Apr 2023	03 Jan 2023
		Machine Age	mls	Client Info		0	16984	16984
		Oil Age	mls	Client Info		0	23898	16984
		Filter Age	mls	Client Info		0	23898	16984
		Oil Changed		Client Info		N/A	Not Changd	Changed
		Filter Changed		Client Info		N/A	N/A	Changed
		Sample Status				NORMAL	NORMAL	ATTENTION
WEAR		Iron	ppm	ASTM D5185m	>100	36	17	53
	1	Chromium	ppm	ASTM D5185m	>20	<1	<1	1
All component wear rates are normal		Nickel	ppm	ASTM D5185m	>4	0	<1	0
		Titanium	ppm	ASTM D5185m		0	0	<1
		Silver	ppm	ASTM D5185m	>3	<1	<1	<1
		Aluminum	ppm	ASTM D5185m	>20	27	20	34
		Lead	ppm	ASTM D5185m	>40	<1	1	<1
		Copper	ppm	ASTM D5185m	>330	3	4	25
		Tin	ppm	ASTM D5185m	>15	0	2	2
		Vanadium	ppm	ASTM D5185m		<1	<1	0
		White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION		Silicon	ppm	ASTM D5185m	>25	8	8	17
	1	Potassium	ppm	ASTM D5185m	>20	69	50	127
Elevated aluminum (AI) and/or lead (Fuel		WC Method	>5	<1.0	<1.0	0.5
your metals analysis are likely a resulubricant and is common on new equ		Water		WC Method	>0.2	NEG	NEG	NEG
indication of any contamination in the		Glycol		WC Method		NEG	NEG	NEG
		Soot %	%	*ASTM D7844	>3	0.3	1	0.3
		Nitration	Abs/cm	*ASTM D7624	>20	10.1	14.4	11.0
		Sulfation	Abs/.1mm	*ASTM D7415	>30	18.8	27.0	23.1
		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	NORML
		Odor	scalar	*Visual	NORML	NORML	NORML	NORML
		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION		Sodium	ppm	ASTM D5185m	>118	1	1	<1
	i Antonio de la companya de la company	Boron	ppm	ASTM D5185m		81	77	29
The BN result indicates that there is a	, ,	Barium	ppm	ASTM D5185m		0	0	4
oil. The condition of the oil is suitable		Molybdenum	ppm	ASTM D5185m		127	109	15
		Manganese	ppm	ASTM D5185m		<1	<1	2
		Magnesium	ppm	ASTM D5185m		741	676	662
		Calcium	ppm	ASTM D5185m		1370	1224	1419
		Phosphorus	ppm	ASTM D5185m		805	750	689
		Zinc	ppm	ASTM D5185m		959	889	842
		Sulfur	ppm	ASTM D5185m		3733	3868	2885
		Oxidation	Abs/.1mm	*ASTM D7414	>25	15.5	26.9	17.9
			110111					

Base Number (BN) mg KOH/g ASTM D2896

ASTM D445

Visc @ 100°C cSt

6.2

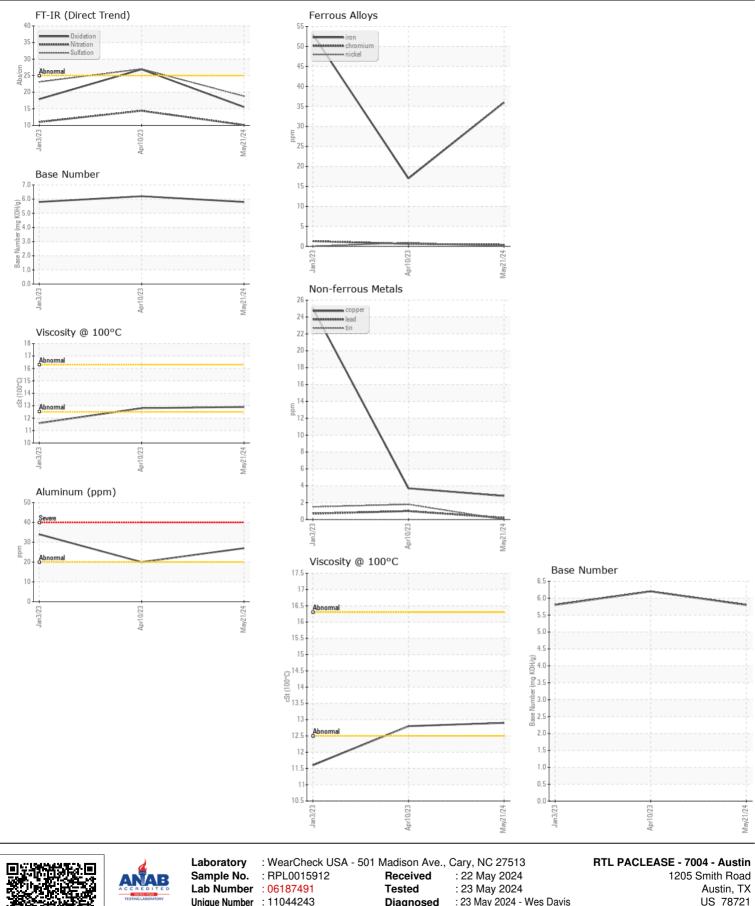
12.8

5.8

11.6

5.8

12.9



Unique Number : 11044243 Diagnosed : 23 May 2024 - Wes Davis Test Package : FLEET Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. JohnsonD@RushEnterprises.com * - 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)

Submitted By: TECHNICIAN ACCOUNT Page 2 of 2

Contact: David Johnson

T: (512)401-7063

F: