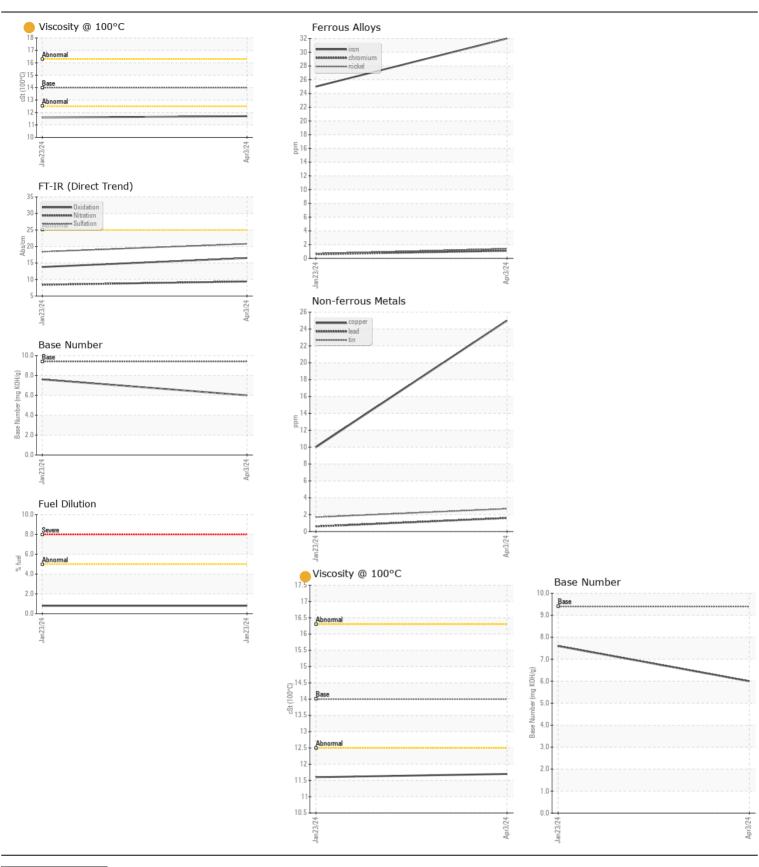
WEAR CONTAMINATION **FLUID CONDITION**

NORMAL NORMAL ATTENTION

Machine Id

PACCAR 846-5207

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
No corrective action is recommended at this time. Resample at the next service interval to monitor.	Sample Number		Client Info		RPL0019365	RPL0017544	
	Sample Date		Client Info		03 Apr 2024	23 Jan 2024	
	Machine Age	mls	Client Info		16509	8544	
	Oil Age	mls	Client Info		0	8544	
	Filter Age	mls	Client Info		0	0	
	Oil Changed		Client Info		Not Changd	Not Changd	
	Filter Changed		Client Info		Not Changd	Changed	
	Sample Status				ATTENTION	ATTENTION	
WEAR	Iron	ppm	ASTM D5185m	>100	32	25	
	Chromium	ppm	ASTM D5185m	>20	1	<1	
All component wear rates are normal.	Nickel	ppm	ASTM D5185m	>4	1	<1	
	Titanium	ppm	ASTM D5185m		<1	<1	
	Silver	ppm	ASTM D5185m	>3	2	<1	
	Aluminum	ppm	ASTM D5185m	>20	16	8	
	Lead	ppm	ASTM D5185m	>40	2	<1	
	Copper	ppm	ASTM D5185m	>330	25	10	
	Tin	ppm	ASTM D5185m	>15	3	2	
	Vanadium	ppm	ASTM D5185m		<1	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	18	18	
There is no indication of any contamination in the oil. FLUID CONDITION The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.	Potassium	ppm	ASTM D5185m	>20	59	31	
	Fuel	%	ASTM D3524	>5	<1.0	0.8	
	Water		WC Method	>0.2	NEG	NEG	
	Glycol		WC Method		NEG	NEG	
	Soot %	%	*ASTM D7844	>3	0.1	0.1	
	Nitration	Abs/cm	*ASTM D7624	>20	9.4	8.4	
	Sulfation	Abs/.1mm	*ASTM D7415		20.8	18.4	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor Emulsified Water	scalar	*Visual	NORML >0.2	NORML NEG	NORML NEG	
		Scalai	visuai	>0.2			
	Sodium	ppm	ASTM D5185m		3	0	
	Boron	ppm	ASTM D5185m	0	54	63	
	Barium	ppm	ASTM D5185m		2	0	
	Molybdenum	ppm	ASTM D5185m	0	15	11	
	Manganese	ppm	ASTM D5185m		3	2	
	Magnesium	ppm	ASTM D5185m	0	736	774	
	Calcium	ppm	ASTM D5185m		1290	1204	
	Phosphorus	ppm	ASTM D5185m		833	794	
	Zinc	ppm	ASTM D5185m		922	902	
	Sulfur	ppm	ASTM D5185m		3386	3153	
	Oxidation	Abs/.1mm mg KOH/g	*ASTM D7414 ASTM D2896		16.5 6.0	13.8 7.6	
	Base Number (BN)						







Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : RPL0019365 Lab Number : 06152940

Unique Number : 10983018

Received **Tested**

: 18 Apr 2024 : 19 Apr 2024 Diagnosed Test Package: FLEET (Additional Tests: FuelDilution)

: 22 Apr 2024 - Sean Felton

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: