

OIL ANALYSIS REPORT

Sample Rating Trend



FREIGHTLINER 097

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

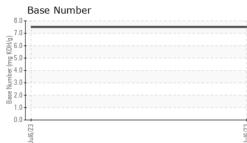
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

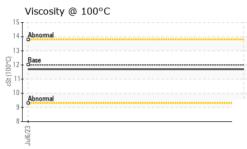
		Client Info Client Info		PCA0097651		
Sample Date Machine Age		Client Info		PCA0097651		
Machine Age n				06 Jul 2023		
Ū	nls	Client Info		519000		
	nls	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
lron p	opm	ASTM D5185m	>200	30		
Chromium p	opm	ASTM D5185m	>6	1		
Nickel p	opm	ASTM D5185m	>3	<1		
Titanium p	opm	ASTM D5185m	>2	<1		
Silver p	opm	ASTM D5185m	>2	0		
Aluminum p	opm	ASTM D5185m	>50	7		
Lead p	opm	ASTM D5185m	>10	0		
Copper p	opm	ASTM D5185m	>50	4		
Tin p	opm	ASTM D5185m	>6	<1		
Vanadium p	opm	ASTM D5185m		<1		
Cadmium p	opm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron p	opm	ASTM D5185m	2	0		
	pm	ASTM D5185m	0	0		
Molybdenum p	opm	ASTM D5185m	50	68		
	pm	ASTM D5185m	0	<1		
	pm	ASTM D5185m	950	1119		
	opm	ASTM D5185m	1050	1232		
	opm	ASTM D5185m	995	1148		
	opm	ASTM D5185m	1180	1398		
	opm	ASTM D5185m	2600	3652		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon p	opm	ASTM D5185m	>50	4		
	opm	ASTM D5185m		2		
	opm	ASTM D5185m	>20	4		
INFRA-RED		method	limit/base	current	history1	history2
	%	*ASTM D7844	>3			
	Abs/cm	*ASTM D7624		0.5 9.3		
NURATION	lbs/.1mm	*ASTM D7624 *ASTM D7415	>20			
		7JUIVIU/413	>30	20.8		
Sulfation A						
		method	limit/base	current	history1	history2
Sulfation A FLUID DEGRADA			limit/base >25	current 18.0	history1	history2

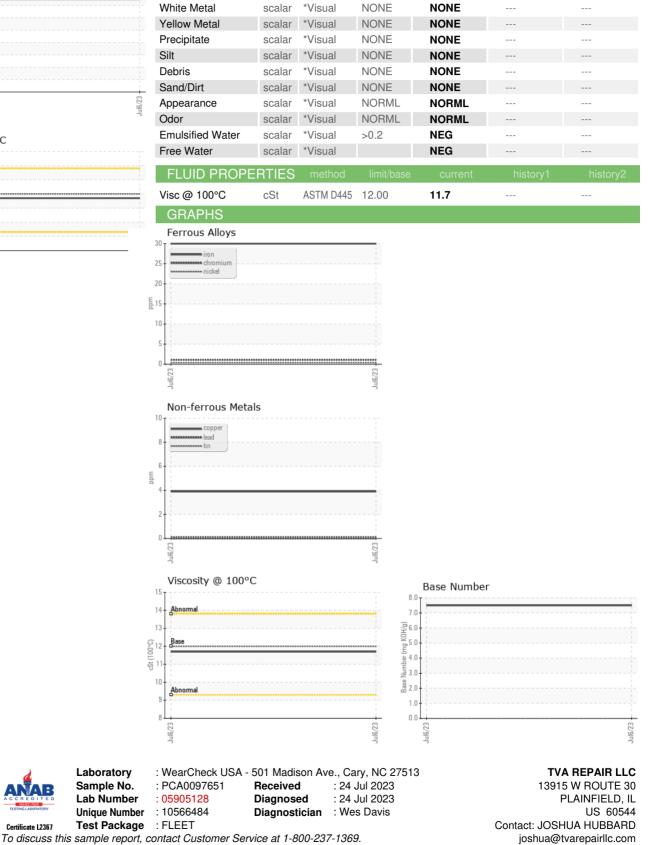


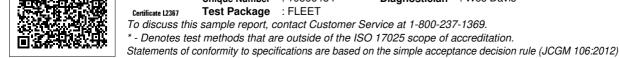
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VISUAL









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