

PROBLEM SUMMARY

Sample Rating Trend

FUEL

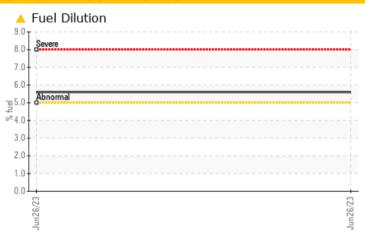


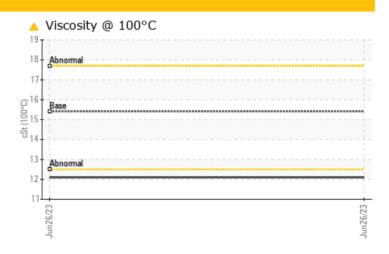
FREIGHTLINER 84

Component **Diesel Engine**

PETRO CANADA DURON SHP 15W40 (13 LTR)

COMPONENT CONDITION SUMMARY





RECOMMENDATION

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	
Fuel	%	ASTM D3524	>5	△ 5.6	
Visc @ 100°C	cSt	ASTM D445	15.4	12.1	

Customer Id: ATRPIN Sample No.: PCA0100692 Lab Number: 05889873 Test Package: FLEET

To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED	ACTIONS			
Action	Status	Date	Done By	Description
Resample			?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend **FUEL**

FREIGHTLINER 84

Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (13 L

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

All component wear rates are normal.

Contamination

There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

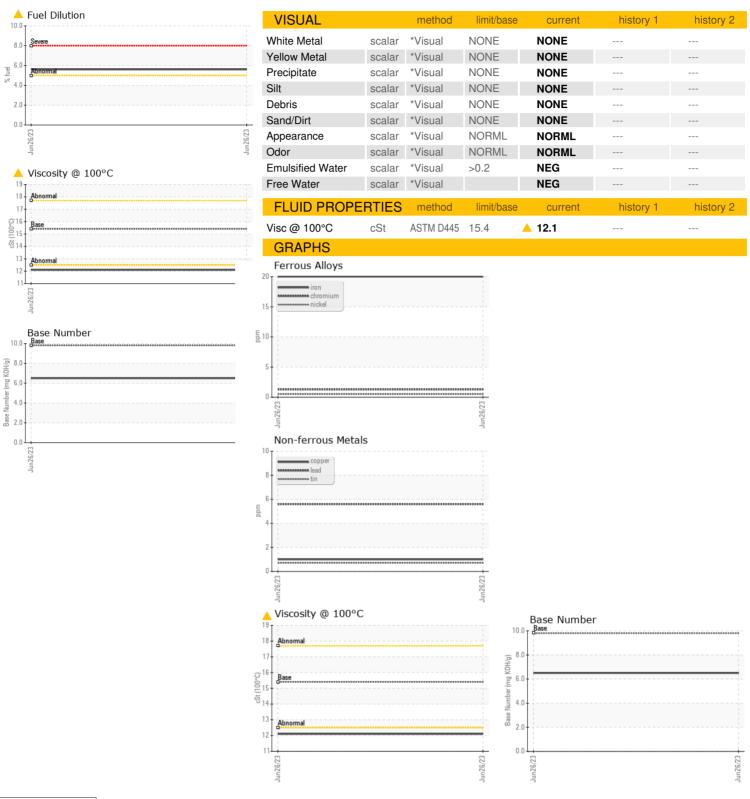
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

TR)				Jun 2023			
SAMPLE INFOR	MATION	method	limit/base	current	history 1	history 2	
		Client Info		PCA0100692			
Sample Number		Client Info		26 Jun 2023			
Sample Date	mls	Client Info		438779			
Machine Age		Client Info		26707			
Oil Age	mls	Client Info		Changed			
Oil Changed Sample Status		Ciletit IIIIO		ABNORMAL			
·	TON		11. 11.0	-			
CONTAMINAT	ION	method	limit/base	current	history 1	history 2	
Glycol		WC Method		NEG			
WEAR METAL	₋ S	method	limit/base	current	history 1	history 2	
ron	ppm	ASTM D5185m	>80	20			
Chromium	ppm	ASTM D5185m	>5	1			
lickel	ppm	ASTM D5185m	>2	<1			
itanium	ppm	ASTM D5185m		0			
Silver	ppm	ASTM D5185m	>3	0			
luminum	ppm	ASTM D5185m	>30	1			
ead	ppm	ASTM D5185m	>30	6			
Copper	ppm	ASTM D5185m	>150	1			
in	ppm	ASTM D5185m	>5	<1			
anadium	ppm	ASTM D5185m		0			
Cadmium	ppm	ASTM D5185m		0			
ADDITIVES		method	limit/base	current	history 1	history 2	
Boron	ppm	ASTM D5185m	0	0			
arium	ppm	ASTM D5185m	0	0			
lolybdenum	ppm	ASTM D5185m	60	57			
1anganese	ppm	ASTM D5185m	0	<1			
1agnesium	ppm	ASTM D5185m	1010	830			
Calcium	ppm	ASTM D5185m	1070	1130			
hosphorus	ppm	ASTM D5185m	1150	921			
linc	ppm	ASTM D5185m	1270	1145			
Sulfur	ppm	ASTM D5185m	2060	2797			
CONTAMINAN	NTS	method	limit/base	current	history 1	history 2	
ilicon	ppm	ASTM D5185m	>20	4			
Sodium	ppm	ASTM D5185m		<1			
otassium	ppm	ASTM D5185m	>20	2			
uel	%	ASTM D3524	>5	△ 5.6			
INFRA-RED		method	limit/base	current	history 1	history 2	
Soot %	%	*ASTM D7844	>3	2.1			
litration	Abs/cm	*ASTM D7624	>20	10.2			
Sulfation	Abs/.1mm	*ASTM D7415	>30	24.6			
FLUID DEGRA	DATION	method	limit/base	current	history 1	history 2	
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.5			
Base Number (BN)	mg KOH/g	ASTM D2896		6.5			
JUSC MUMBER (DIN)	my Northy	AUTIVI DZ030	0.0	0.0			



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number Unique Number

: PCA0100692 : 05889873 : 10545683

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Jul 2023 Diagnosed : 06 Jul 2023 Diagnostician : Wes Davis

Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

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) A Truck Repair

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