

OIL ANALYSIS REPORT

Sample Rating Trend **VISCOSITY**



Machine Id **226098**

Component **Diesel Engine**

PETRO CANADA DURON SHP 15W40 (--- 0

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

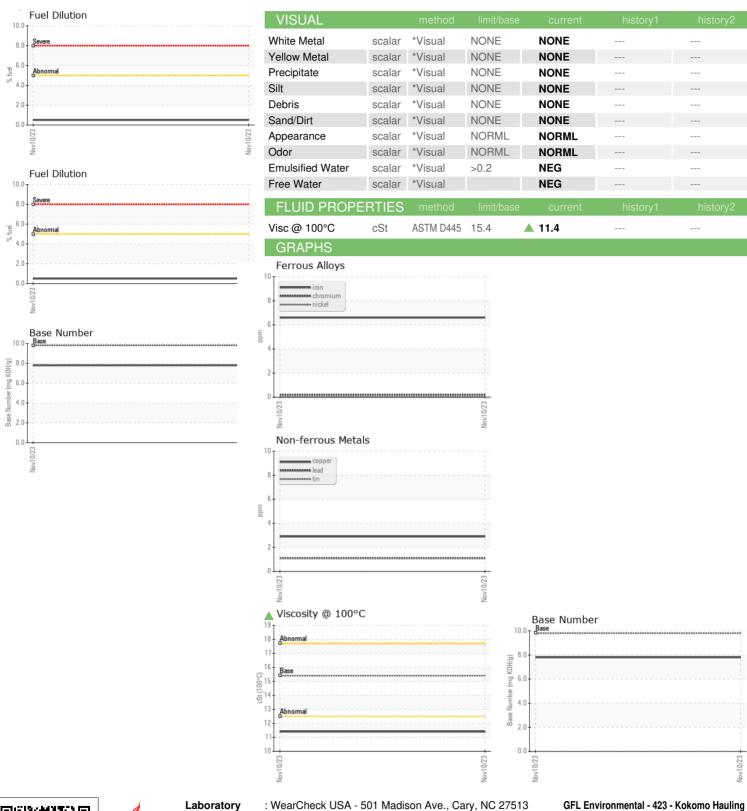
▲ Fluid Condition

The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

GAL)				Nov2023		<u> </u>
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0095276		
Sample Date		Client Info		10 Nov 2023		
Machine Age	hrs	Client Info		12812		
Oil Age	hrs	Client Info		600		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	7		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	1		
Copper	ppm	ASTM D5185m	>330	3		
Tin	ppm	ASTM D5185m	>15	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	17		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	60	18		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	1010	83		
Calcium	ppm	ASTM D5185m	1070	2341		
Phosphorus	ppm	ASTM D5185m	1150	1030		
Zinc	ppm	ASTM D5185m	1270	1176		
Sulfur	ppm	ASTM D5185m	2060	3846		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	mag	ASTM D5185m	>25	3		



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Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: GFL0095276 : 06050595

: 10816544

Recieved

: 04 Jan 2024 Diagnosed : 08 Jan 2024 Diagnostician : Jonathan Hester

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)

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