

# **OIL ANALYSIS REPORT**



Sample Rating Trend







Machine Id 424068 Component

Diesel Engine

PETRO CANADA DURO

# DIAGNOSIS

### Recommendation Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

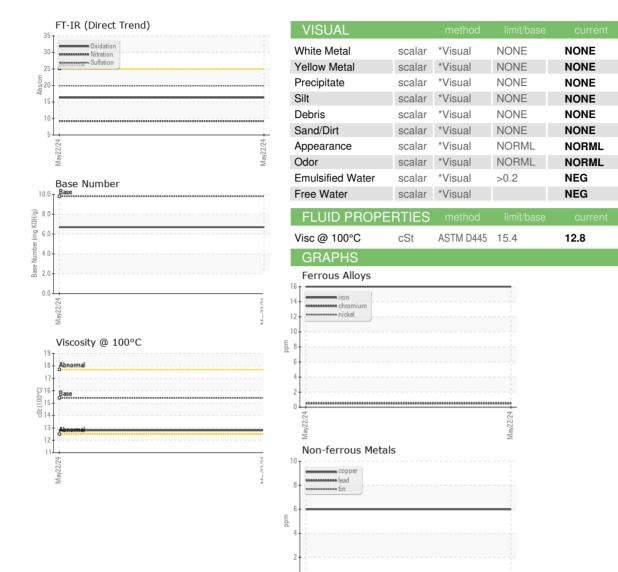
### **Fluid Condition**

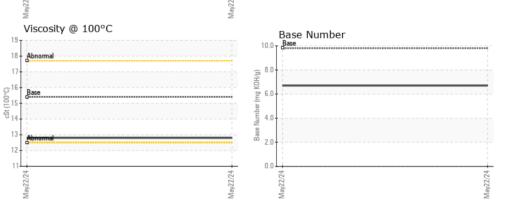
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

	- GAL)			May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0111204		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		600		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
-uel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>120	16		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Γitanium	ppm	ASTM D5185m	>2	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>20	3		
_ead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m		6		
Γin	ppm	ASTM D5185m	>15	<1		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	7		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m	60	64		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	1010	887		
Calcium	ppm	ASTM D5185m	1070	1131		
Phosphorus	ppm	ASTM D5185m	1150	1092		
Zinc	ppm	ASTM D5185m	1270	1233		
Sulfur	ppm	ASTM D5185m	2060	3492		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7		
Sodium	ppm	ASTM D5185m	000	7		
Potassium	ppm	ASTM D5185m	>20	4		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.4		
Vitration	Abs/cm	*ASTM D7624	>20	9.2		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.9		
FLUID DEGRAI	OITAC	method	limit/base	current	history1	history2
Ovidation	Abs/.1mm	*ASTM D7414	>25	16.3		
Oxidation	7100/.1111111					



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Certificate 12367

Laboratory Sample No. Lab Number : 06196343

Test Package : FLEET

: GFL0111204 Unique Number : 11058466

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024 **Tested** : 03 Jun 2024

Diagnosed : 03 Jun 2024 - Wes Davis

GFL Environmental - 960B - Pittsfield HC

1335 W. Washington Pittsfield, IL US 62363

Contact: David Bradshaw david.bradshaw@gflenv.com T:

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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