

## **OIL ANALYSIS REPORT**

#### Sample Rating Trend







		pr2023 N	lay2023 Aug2023 Oct	2023 Nov2023 Dec2023	Feb 2024	
	SAMPLE INFORMA	TION method	limit/base	current	history1	history2
	Sample Number	Client Info		GFL0115354	GFL0110914	GFL0082630
interval to monitor.	Sample Date	Client Info		29 Feb 2024	07 Feb 2024	19 Jan 2024
	Machine Age h	rs Client Info		2836	2677	2537
re normal.	Oil Age h	rs Client Info		5989	5989	5989
	Oil Changed	Client Info		Changed	Changed	Changed
contamination in the	Sample Status			NORMAL	NORMAL	NORMAL
	CONTAMINATIO	N method	limit/base	current	history1	history2
there is suitable . The condition of the ice.	Fuel	WC Method	>5	<1.0	<1.0	<1.0
	Water	WC Method	>0.2	NEG	NEG	NEG
	Glycol	WC Method	20.2	NEG	NEG	NEG
.e.				NEG	NLG	NLG
	WEAR METALS	method	limit/base	current	history1	history2
	lron p	pm ASTM D5185m	>100	14	10	8
	Chromium p	pm ASTM D5185m	>20	<1	<1	<1
	Nickel p	pm ASTM D5185m	>4	3	2	2
	Titanium p	pm ASTM D5185m		0	0	<1
	Silver p	pm ASTM D5185m	>3	0	0	0
	Aluminum p	pm ASTM D5185m	>20	2	2	2
	Lead p	pm ASTM D5185m	>40	0	0	<1
		pm ASTM D5185m	>330	2	2	1
		pm ASTM D5185m		0	<1	<1
		pm ASTM D5185m		0	0	0
	- · ·	pm ASTM D5185m		0	0	<1
	ADDITIVES	method	limit/base	current	history1	history2
	Boron p	pm ASTM D5185m	0	4	6	8
	Barium p	pm ASTM D5185m	0	0	0	0
	Molybdenum p	pm ASTM D5185m	60	62	61	60
		pm ASTM D5185m	0	<1	<1	<1
		pm ASTM D5185m	1010	1125	1004	926
	-	pm ASTM D5185m		1216	1054	1033
		pm ASTM D5185m	1150	1141	1047	984
		pm ASTM D5185m		1386	1248	1182
		pm ASTM D5185m	2060	3387	3035	3146
	CONTAMINANTS	s method	limit/base	current	history1	history2
		pm ASTM D5185m		6	6	6
		pm ASTM D5185m		4	3	4
		pm ASTM D5185m		8	7	6
	INFRA-RED	method	limit/base	current	history1	history2
	Soot % %			0.6	0.5	0.4
		bs/cm *ASTM D7624		9.6	8.5	7.5
		os/.1mm *ASTM D7415		20.7	19.8	19.2
	FLUID DEGRADA	TION method	limit/base	current	history1	history2
		os/.1mm *ASTM D7414	>25	17.3	17.9	15.2
	Base Number (BN)			6.8	7.4	8.4
		gittering ASTIVI D2090	3.0	0.0	/.4	0.4

### Machine Id 913179

#### Component Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

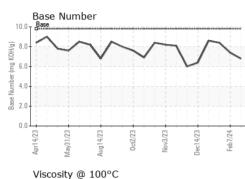
There is no indication of any contamination in the oil.

#### 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.

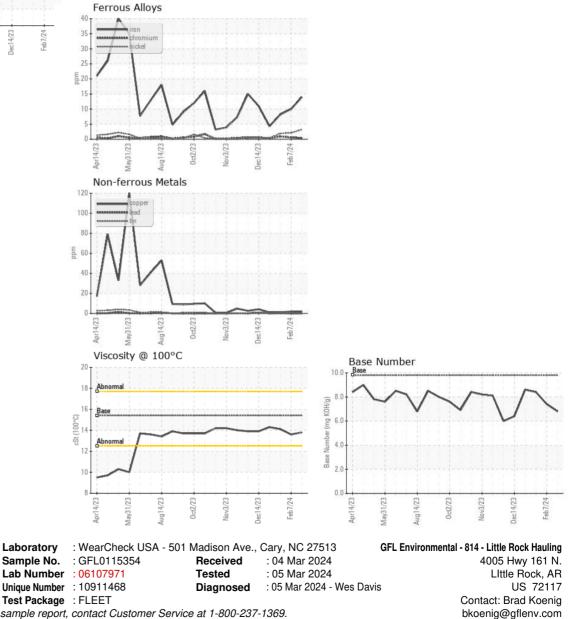


# **OIL ANALYSIS REPORT**





VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.8	13.6	14.1
GRAPHS						





 Certificate 12367
 Test Package
 : FLEET

 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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