

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

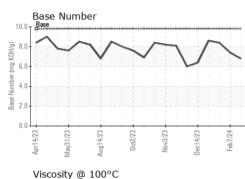
There is no indication of any contamination in the oil.

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.

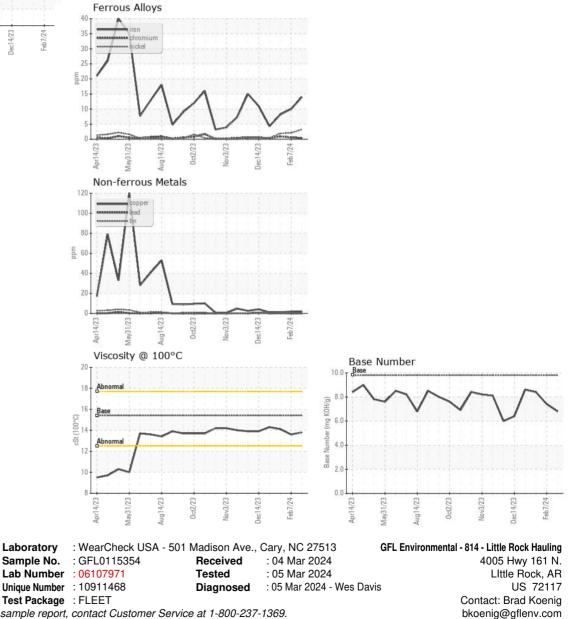


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VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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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