

## **OIL ANALYSIS REPORT**

Sample Rating Trend



## Machine Id 931016

Component Natural Gas Engine

PETRO CANADA DURON GEO LD 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.

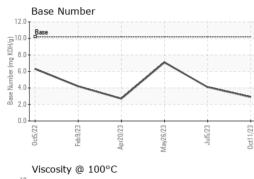
### Fluid Condition

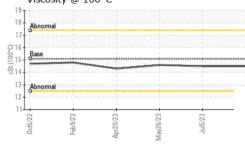
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

	history2
Sample Number Client Info GFL0095985 GFL0071720 G	FL0071754
Sample Date Client Info 11 Oct 2023 05 Jul 2023 24	6 May 2023
Machine Age hrs Client Info 8147 7382 7	091
Oil Age hrs Client Info 600 300 600	00
Oil Changed Client Info Changed Oil Added C	hanged
Sample Status NORMAL NORMAL N	ORMAL
WEAR METALS method limit/base current history1	history2
Iron ppm ASTM D5185m >50 11 5	3
Chromium ppm ASTM D5185m >4 2 <1	<1
Nickel ppm ASTM D5185m >2 0 0	<1
Titanium ppm ASTM D5185m <1	0
Silver ppm ASTM D5185m >3 0 0	0
Aluminum ppm ASTM D5185m >9 2 1	<1
Lead ppm ASTM D5185m >30 <b>15</b> 2	1
Copper ppm ASTM D5185m >35 2 1	0
Tin ppm ASTM D5185m >4 <1	<1
Vanadium ppm ASTM D5185m <1	<1
Cadmium ppm ASTM D5185m 0 0	0
ADDITIVES method limit/base current history1	history2
Boron ppm ASTM D5185m 50 8 6	28
Barium ppm ASTM D5185m 5 0 0	0
Molybdenum ppm ASTM D5185m 50 60 53	50
Manganese ppm ASTM D5185m 0 <1	<1
	<1 534
Manganese ppm ASTM D5185m 0 <1	
Manganese ppm ASTM D5185m 0 <1	534
Manganese ppm ASTM D5185m 0 <1	534 1549
Manganese ppm ASTM D5185m 0 <1	534 1549 779
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 history2 6
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 history2
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 history2 6
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 history2 6 5
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 history2 6 5 5 2
Manganese ppm ASTM D5185m 0 <1	534 1549 987 3084 bistory2 6 5 2 2 history2
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 <b>history2</b> 6 5 2 2 <b>history2</b>
Manganese ppm ASTM D5185m 0 <1	534 1549 779 987 3084 <b>history2</b> 6 5 2 2 <b>history2</b> 0 9.0
Manganese ppm ASTM D5185m 0 <1	534 1549 987 3084 <b>bistory2</b> 6 5 2 2 <b>bistory2</b> 0 9.0 2.0 5

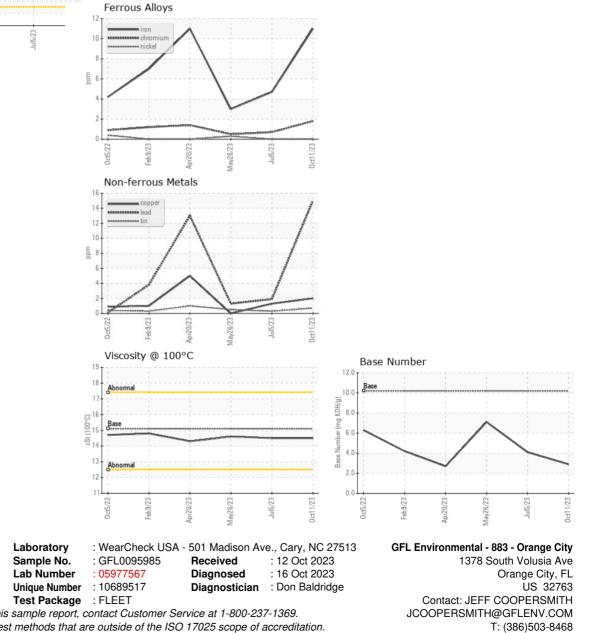


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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*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	>0.1	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	15.1	14.5	14.5	14.6
GRAPHS						





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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