

OIL ANALYSIS REPORT

Sample Rating Trend







OR722
Component
Diesel Engine
Fluid
PETRO CANADA 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Machine Id

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

The condition of the oil is acceptable for the time in service.

				May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0100572		
Sample Date		Client Info		21 May 2024		
Machine Age	hrs	Client Info		9574		
Dil Age	hrs	Client Info		729		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
	ION					
Fuel Manage		WC Method	>5	<1.0		
<i>N</i> ater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>100	15		
Chromium	ppm	ASTM D5185(m)	>20	<1		
Nickel	ppm	ASTM D5185(m)	>4	<1		
Fitanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>3	0		
Aluminum	ppm	ASTM D5185(m)	>20	2		
_ead	ppm	ASTM D5185(m)	>40	5		
Copper	ppm	ASTM D5185(m)	>330	2		
Γin	ppm	ASTM D5185(m)	>15	2		
Antimony	ppm	ASTM D5185(m)		0		
/anadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		30		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		49		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		794		
Calcium	ppm	ASTM D5185(m)		1483		
Phosphorus	ppm	ASTM D5185(m)		1054		
Zinc	ppm	ASTM D5185(m)		1284		
Sulfur	ppm	ASTM D5185(m)		2636		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	6		
Sodium	ppm	ASTM D5185(m)		2		
Potassium	ppm	ASTM D5185(m)	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0.4		
Nitration	Abs/cm	ASTM D7624*	>20	11.4		
Culfation	Abo/ 1	ACTM D744F*	. 20	00.0		

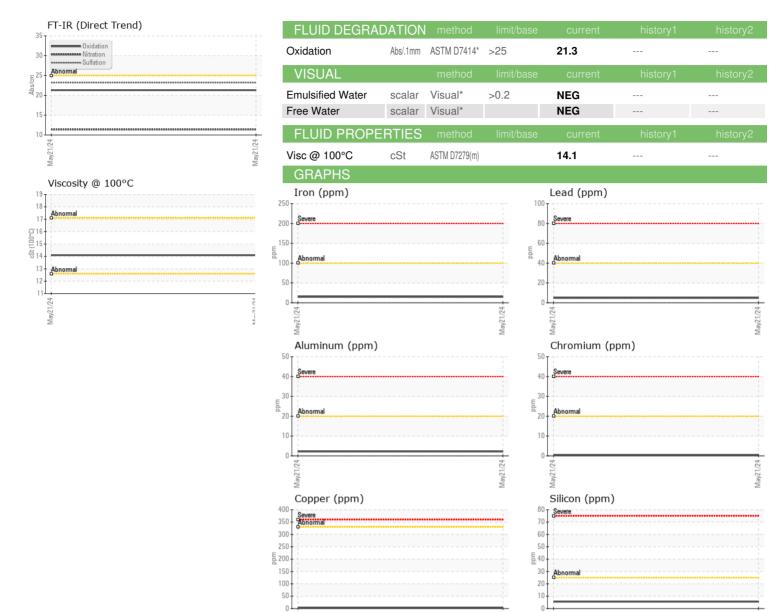
Sulfation

Abs/.1mm ASTM D7415* >30

23.2



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02637895 Unique Number : 5787057

13

Viscosity @ 100°C

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 575 - Squamish Hauling : GFL0100572 Received : 28 May 2024

Tested : 28 May 2024 Diagnosed : 28 May 2024 - Wes Davis

38950 Queens Way, Squamish, BC **CA V8B 0K8**

Test Package : MOB 1 Contact: Dean Imbeau To discuss this sample report, contact Customer Service at 1-800-268-2131. dimbeau@gflenv.com T: (604)892-5604 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied. F: (604)892-5238

Soot %

4.0

0.0