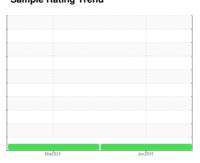


# **OIL ANALYSIS REPORT**

## Sample Rating Trend







Machine Id
501027
Component
Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- 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 condition of the oil is acceptable for the time in service.

AL)			Mar2024	Jun 2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0116394	GFL0107918	
Sample Date		Client Info		24 Jun 2024	11 Mar 2024	
Machine Age	kms	Client Info		441506	11839	
Oil Age	kms	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>2.0	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>100	18	15	
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)	>3	<1	0	
Aluminum	ppm	ASTM D5185(m)	>20	2	2	
_ead	ppm	ASTM D5185(m)	>40	<1	<1	
Copper	ppm	ASTM D5185(m)	>330	2	2	
Γin	ppm	ASTM D5185(m)	>15	0	<1	
Antimony	ppm	ASTM D5185(m)		0	0	
√anadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	2	2	<1	
Barium	ppm	ASTM D5185(m)	0	0	0	
Molybdenum	ppm	ASTM D5185(m)	50	61	62	
Manganese	ppm	ASTM D5185(m)	0	<1	0	
Magnesium	ppm	ASTM D5185(m)	950	1002	1008	
Calcium	ppm	ASTM D5185(m)	1050	1079	1084	
Phosphorus	ppm	ASTM D5185(m)	995	1012	1062	
Zinc	ppm	ASTM D5185(m)	1180	1239	1240	
Sulfur	ppm	ASTM D5185(m)	2600	2509	2747	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	3	4	
Sodium	ppm	ASTM D5185(m)		5	4	
Potassium	ppm	ASTM D5185(m)	>20	<1	2	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0.5	0.3	
Nitration	Abs/cm	ASTM D7624*	>20	10.0	9.4	
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.9	20.4	



# **OIL ANALYSIS REPORT**







Laboratory : GFL0116394

ê 12

Abnorma

Sample No. Lab Number : 02644756 Unique Number : 5802295

To discuss this sample report, contact Customer Service at 1-800-268-2131.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 02 Jul 2024 **Tested** 

: 02 Jul 2024 Diagnosed

: 02 Jul 2024 - Wes Davis Test Package : MOB 1 ( Additional Tests: KV40, VI, Visual )

0.0

Soot %

GFL Environmental - 350 - Emeral Park Regina 2B Industrial Drive,, Great Plains Industrial Park, Emerald Park, SK CA S4L 1B6

Contact: Vaughn Hortness vhortness@gflenv.com T: (877)244-9500

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.

Viscosity @ 100°C

F: (306)244-9501