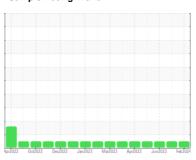


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



732016

Component **Natural Gas 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

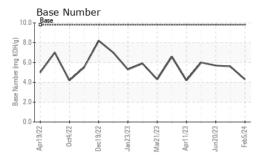
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

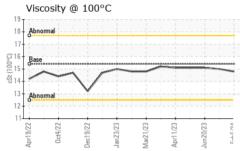
GAL)						
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0092170	GFL0092041	GFL0084754
Sample Date		Client Info		05 Feb 2024	20 Nov 2023	20 Jun 2023
Machine Age	hrs	Client Info		6058	29246	4134
Oil Age	hrs	Client Info		600	600	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAI	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	6	9	8
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	1	2	2
Lead	ppm	ASTM D5185m	>30	<1	<1	0
Copper	ppm	ASTM D5185m	>35	0	1	<1
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	11	11	11
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	53	55	55
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	547	610	605
Calcium	ppm	ASTM D5185m	1070	1541	1648	1710
Phosphorus	ppm	ASTM D5185m	1150	704	733	715
Zinc	ppm	ASTM D5185m	1270	971	1024	1023
Sulfur	ppm	ASTM D5185m	2060	2411	2759	2972
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	3	5	4
Sodium	ppm	ASTM D5185m		6	3	7
Potassium	ppm	ASTM D5185m	>20	0	2	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	11.4	10.7	11.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.7	21.8	22.1
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.6	18.2	19.4
Daga Number (DNI)		ACTM DOOG	0.0	4.0	E C	E 7

Base Number (BN) mg KOH/g ASTM D2896 9.8 4.3



OIL ANALYSIS REPORT

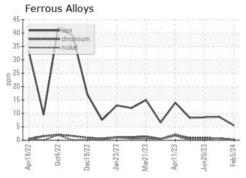


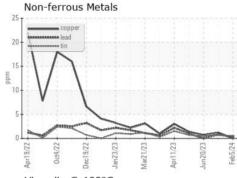


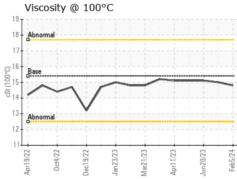
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

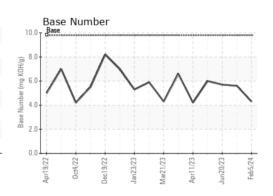
FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	15.4	14.8	15.0	15.1	

GRAPHS













Certificate L2367

Laboratory Sample No. Unique Number : 10869831

Test Package : FLEET

Lab Number : 06082386

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0092170

Received **Tested** Diagnosed

: 07 Feb 2024 : 08 Feb 2024

: 09 Feb 2024 - Jonathan Hester

GFL Environmental - 856 - Houston South

8515 Highway 6 South Houston, TX

US 77083 Contact: Apolinar Zacarias

pzacariascano@gflenv.com T:

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)

F: