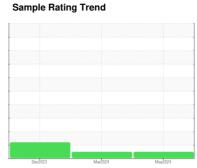


OIL ANALYSIS REPORT



NORMAL



Machine Id 940005

Natural Gas Engine

PETRO CANADA DURON SHP 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

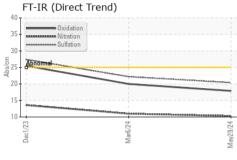
Fluid Condition

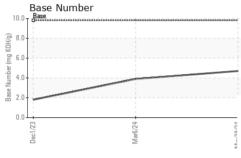
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

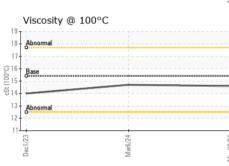
AL) Dw2023 Mw2024 Mw2024						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0113022	GFL0113037	GFL0059656
Sample Date		Client Info		29 May 2024	06 Mar 2024	01 Dec 2023
Machine Age	hrs	Client Info		10039	0	0
Oil Age	hrs	Client Info		598	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	6	8	16
Chromium	ppm	ASTM D5185m	>4	<1	<1	1
Nickel	ppm	ASTM D5185m	>2	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	0	<1	0
Aluminum	ppm	ASTM D5185m	>9	2	2	3
_ead	ppm	ASTM D5185m	>30	1	4	14
Copper	ppm	ASTM D5185m	>35	2	5	4
Γin	ppm	ASTM D5185m	>4	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	<1
Cadmium	ppm	ASTM D5185m		<1	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	12	11	3
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	52	61	82
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	551	548	585
Calcium	ppm	ASTM D5185m	1070	1498	1638	1627
Phosphorus	ppm	ASTM D5185m	1150	725	725	751
Zinc	ppm	ASTM D5185m	1270	957	960	956
Sulfur	ppm	ASTM D5185m	2060	2591	2555	2357
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	5	8	15
Sodium	ppm	ASTM D5185m		6	6	11
Potassium	ppm	ASTM D5185m	>20	2	5	14
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Vitration	Abs/cm	*ASTM D7624	>20	10.3	11.0	13.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.4	22.2	27.4
FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
FLUID DEGRAD	Abs/.1mm	method *ASTM D7414		current 17.9	history1 20.0	history2 25.5



OIL ANALYSIS REPORT



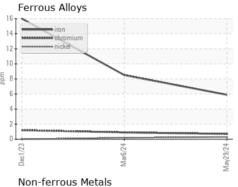


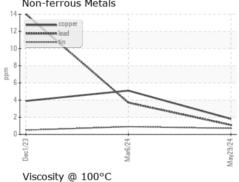


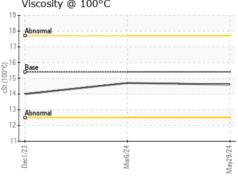
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

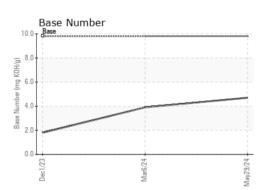
FLUID PROP	EHIIES	method			riistory i	HIStory∠
Visc @ 100°C	cSt	ASTM D445	15.4	14.6	14.7	14.0

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0113022 Lab Number : 06197328 Unique Number : 11059451 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Jun 2024 **Tested** : 04 Jun 2024

Diagnosed : 04 Jun 2024 - Sean Felton

GFL Environmental - 924 - Madison HC 300 Raemisch Road

Waunakee, WI US 53597 Contact: Ben Briggs ben.briggs@gflenv.com T: (608)770-9196

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)

Report Id: GFL924 [WUSCAR] 06197328 (Generated: 06/04/2024 14:08:18) Rev: 1

Submitted By: GFL912,GFL921,GFL924 - LEONARD KOZLEUCHAR