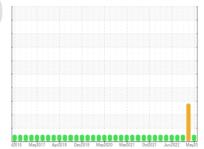


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

2642C PETERBILT 567

Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (48 QTS)

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

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.

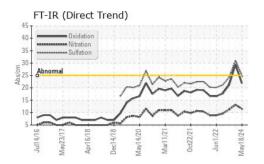
(48 QTS) (2016 May2017 Apr2018 Oxe2018 May2020 May2020 Oxe2021 Jun2022 May20						
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0103177	GFL0103247	GFL0089329
Sample Date		Client Info		18 May 2024	05 Jan 2024	31 Jul 2023
	hrs	Client Info		20080	18984	17748
- J	hrs	Client Info		1096	2217	0
Oil Changed		Client Info		Not Changd	Changed	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	10	26	9
Chromium	ppm	ASTM D5185m	>4	1	2	<1
Nickel	ppm	ASTM D5185m	>2	<1	0	0
Γitanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	<1	0	0
Aluminum	ppm	ASTM D5185m	>9	7	<u>^</u> 20	8
Lead	ppm	ASTM D5185m	>30	4	▲ 39	3
	ppm	ASTM D5185m	>35	2	3	<1
	ppm	ASTM D5185m	>4	<1	0	<1
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	15	24	16
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	50	54	72	55
	ppm	ASTM D5185m	0	<1	0	<1
	ppm	ASTM D5185m	560	568	827	619
-	ppm	ASTM D5185m	1510	1625	2175	1733
	ppm	ASTM D5185m	780	693	1065	752
	ppm	ASTM D5185m	870	1002	1345	1065
	ppm	ASTM D5185m	2040	2705	3499	3085
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	10	17	16
	ppm	ASTM D5185m		5	13	7
	ppm	ASTM D5185m	>20	24	<u>^</u> 74	28
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0	0
Nitration	Abs/cm	*ASTM D7624	>20	11.5	13.1	11.3
	Abs/.1mm	*ASTM D7415		24.9	31.0	24.2
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	21.8	29.4	21.2
Daga Number (DNI)		ACTM DOGGO	100	4.0	2.0	4 7

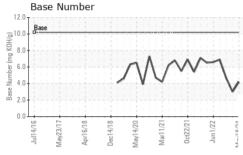
Base Number (BN) mg KOH/g ASTM D2896 10.2

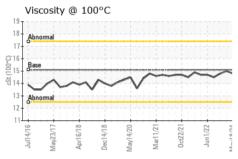
4.2



OIL ANALYSIS REPORT



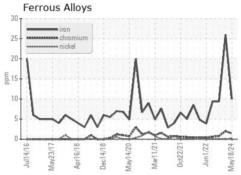


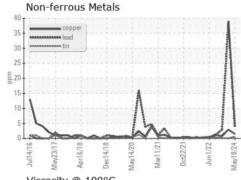


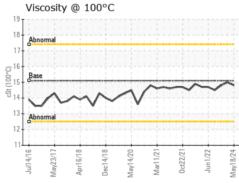
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

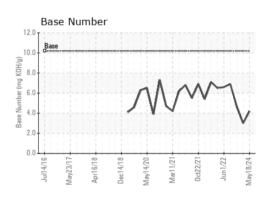
FLUID PROP	EKIIES	method	ilmit/base		nistory i	nistoryz
Visc @ 100°C	cSt	ASTM D445	15.1	14.8	15.0	14.8

GRAPHS













Certificate 12367

Laboratory Sample No. Lab Number : 06188632

: GFL0103177

Unique Number : 11045384 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 May 2024

Tested : 24 May 2024 Diagnosed

: 24 May 2024 - Wes Davis

GFL Environmental - 001 - Raleigh(CNG) 3741 Conquest Drive Garner, NC

> US 27529 Contact: Craig Johnson craig.johnson@gflenv.com

T: (919)662-7100 F: (919)662-7130

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)