

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **427164-SW4732 KENWORTH T880**

Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- G

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

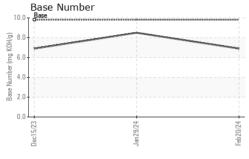
Fluid Condition

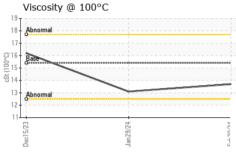
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

GAL) 00-2023 Jan 2024 Feb 2024						
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0103994	GFL0066586	GFL0066608
Sample Date		Client Info		20 Feb 2024	29 Jan 2024	15 Dec 2023
Machine Age	hrs	Client Info		0	2	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	>100	5	9	2
	ppm	ASTM D5185m	>20	0	<1	<1
Nickel	ppm	ASTM D5185m	>4	<1	0	0
	ppm	ASTM D5185m		0	<1	0
	ppm	ASTM D5185m	>3	0	0	0
	ppm	ASTM D5185m	>20	2	5	<1
	ppm	ASTM D5185m	>40	1	<1	0
	ppm		>330	<1	<1	<1
	ppm	ASTM D5185m	>15	<1	0	<1
	ppm	ASTM D5185m		<1	<1	<1
	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	3	255	10
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m	60	56	105	26
	ppm	ASTM D5185m		<1	0	<1
-	ppm	ASTM D5185m	1010	222	672	54
	ppm	ASTM D5185m	1070	2699	1582	2523
	ppm	ASTM D5185m	1150	1169	763	980
	ppm ppm	ASTM D5185m ASTM D5185m	1270 2060	1618 3843	918 2469	1126 3104
CONTAMINANT		method	limit/base	current	history1	history2
	ррт		>25	8	8	5
	ppm	ASTM D5185m	<i>></i> 20	0	<1	2
	ppm	ASTM D5185m	>20	4	<1	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1	0.3	0.1
	Abs/cm	*ASTM D7624	>20	7.8	7.4	6.7
Sulfation	Abs/.1mm	*ASTM D7415		18.2	22.3	15.5
FLUID DEGRAD	MOITA	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	11.7	16.7	9.1
	mg KOH/g	ASTM D2896	9.8	6.9	8.5	6.9
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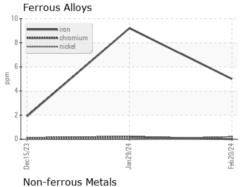


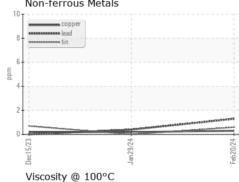


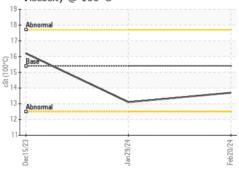
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

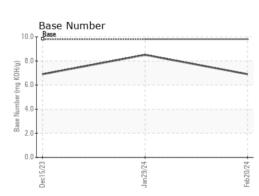
FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	15.4	13.7	13.1	16.2	

GRAPHS













Certificate L2367

Laboratory Sample No.

Lab Number : 06104160 Unique Number : 10902390 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0103994 Received : 29 Feb 2024

Tested : 29 Feb 2024 Diagnosed : 02 Mar 2024 - Don Baldridge

GFL Environmental - 980 - Northside Hauling

1820 Candle Ridge Park Dr Houston, TX US 77073

Contact: Edwin Collins ecollins@gflenv.com

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)

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