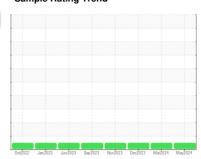


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id 712031 Component Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (8 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

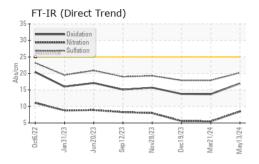
Fluid Condition

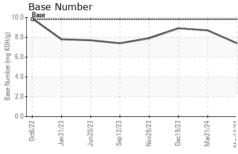
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

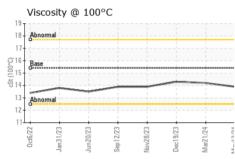
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0115043	GFL0108751	GFL0105723
Sample Date		Client Info		13 May 2024	21 Mar 2024	19 Dec 2023
·	hrs	Client Info		7166	6754	6054
, and the second	hrs	Client Info		600	0	5909
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<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
Iron	ppm	ASTM D5185m	>90	15	5	2
	ppm	ASTM D5185m	>20	0	0	<1
	ppm	ASTM D5185m	>2	<1	0	0
	ppm	ASTM D5185m	>2	0	0	0
	ppm	ASTM D5185m	>2	0	0	0
	ppm	ASTM D5185m	>20	6	<1	1
	ppm	ASTM D5185m	>40	<1	0	0
	ppm	ASTM D5185m		<1	1	1
	ppm	ASTM D5185m	>15	<1	0	<1
	ppm	ASTM D5185m		0	0	<1
	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	1	2	<1
	ppm	ASTM D5185m	0	0	0	0
	ppm	ASTM D5185m	60	62	58	58
	ppm	ASTM D5185m	0	<1	0	0
	ppm	ASTM D5185m	1010	1010	1002	969
,	ppm	ASTM D5185m	1070	1133	1137	1067
	ppm	ASTM D5185m	1150	1074	1109	1075
	ppm	ASTM D5185m	1270	1331	1321	1274
	ppm	ASTM D5185m	2060	3224	3943	3318
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	2	3
	ppm	ASTM D5185m		6	<1	2
	ppm	ASTM D5185m	>20	3	0	1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>6	0.3	0.2	0.2
	Abs/cm	*ASTM D7624	>20	8.5	5.5	5.6
	Abs/.1mm	*ASTM D7415	>30	20.2	17.9	17.9
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Ovidation	Ahe/1mm	*ASTM D7/11/	\25	17.0	13.7	13.8
	Abs/.1mm mg KOH/g	*ASTM D7414 ASTM D2896	>25 9.8	17.0 7.4	13.7 8.7	13.8 8.9

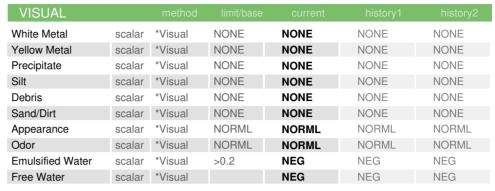


OIL ANALYSIS REPORT



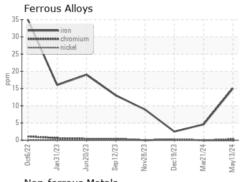


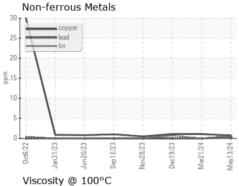


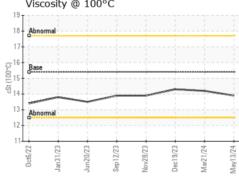


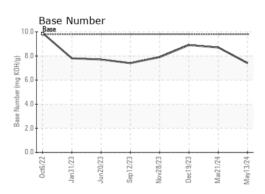
FLUID PROPE	ERITES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.9	14.2	14.3

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0115043 Lab Number : 06193393 Unique Number : 11050145

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 28 May 2024

Tested : 30 May 2024 Diagnosed : 30 May 2024 - Wes Davis

GFL Environmental - 405 - Arbor Hills

7811 Chubb Rd NORTHVILLE, MI US 48168

Contact: Anthony Hopkins ahopkins@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)

Report Id: GFL405 [WUSCAR] 06193393 (Generated: 05/30/2024 08:36:18) Rev: 1

Submitted By: John Nahal

T:

F: