

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 525146-SW7537

Diesel 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

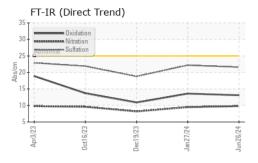
Fluid Condition

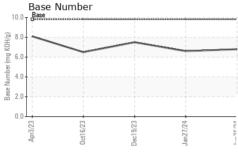
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

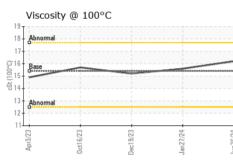
GAL)		Apr2023	0et2023	Dec2023 Jan2024	Jun2024		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		GFL0123552	GFL0105492	GFL0066575	
Sample Date		Client Info		26 Jun 2024	27 Jan 2024	19 Dec 2023	
Machine Age	hrs	Client Info		337311	15266	0	
Oil Age	hrs	Client Info		337311	0	0	
Oil Changed		Client Info		Changed	N/A	N/A	
Sample Status				NORMAL	NORMAL	NORMAL	
CONTAMINATION	NC	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	
Iron	ppm	ASTM D5185m	>80	36	23	12	
Chromium	ppm	ASTM D5185m	>5	2	<1	<1	
Nickel	ppm	ASTM D5185m	>2	0	0	<1	
	ppm	ASTM D5185m		0	0	0	
	ppm	ASTM D5185m	>3	0	0	<1	
	ppm			9	6	4	
	ppm	ASTM D5185m	>30	0	<1	<1	
	ppm	ASTM D5185m		8	4	3	
	ppm	ASTM D5185m	>5	0	<1	<1	
	ppm	ASTM D5185m		0	0	<1	
	ppm	ASTM D5185m		0	0	0	
ADDITIVES		method	limit/base	current	history1	history2	
	ppm	ASTM D5185m	0	0	0	<1	
	ppm	ASTM D5185m		0	0	0	
	ppm	ASTM D5185m	60	58	53	51	
	ppm	ASTM D5185m		0	<1	<1	
-	ppm	ASTM D5185m	1010	8	32	12	
	ppm	ASTM D5185m	1070	2913	2542	2568	
	ppm	ASTM D5185m	1150	1254	1117	1158	
	ppm ppm	ASTM D5185m ASTM D5185m	1270 2060	1486 3200	1327 3058	1372 3334	
CONTAMINANT		method	limit/base	current	history1	history2	
	ppm	ASTM D5185m	>20	11	8	7	
	ppm	ASTM D5185m	<i>></i> 20	3	<1	<1	
_	ppm	ASTM D5185m	>20	2	2	3	
INFRA-RED		method	limit/base	current	history1	history2	
Soot %	%	*ASTM D7844	>3	0.8	0.6	0.5	
	Abs/cm	*ASTM D7624	>20	9.8	9.5	8.2	
	Abs/.1mm	*ASTM D7415		21.6	22.2	18.8	
FLUID DEGRADATION method limit/base current history1 history2							
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.1	13.6	10.9	
	mg KOH/g	ASTM D2896	9.8	6.8	6.6	7.5	
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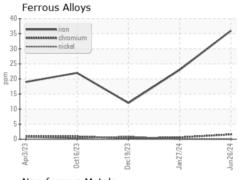


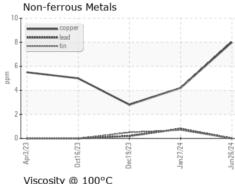


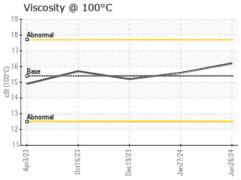
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

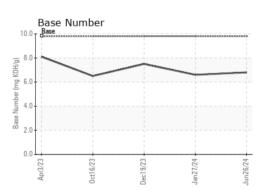
FLUID PROPE	:RHES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	16.2	15.6	15.2

GRAPHS













Certificate 12367

Laboratory Sample No.

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0123552 Lab Number : 06227037 Unique Number : 11110530

Received : 03 Jul 2024 **Tested** : 05 Jul 2024 Diagnosed

: 05 Jul 2024 - Don Baldridge

GFL Environmental - 983 - Sugar Land Hauling 16011 West Belfort Street Sugar Land, TX

US 77498 Contact: Adrian Martinez adrianmartinez@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: GFL983 [WUSCAR] 06227037 (Generated: 07/09/2024 14:39:34) Rev: 1

Submitted By: TECHNICIAN ACCOUNT

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