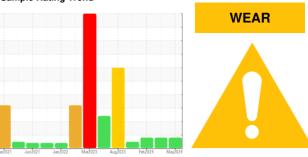


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **725014-584**

Diesel Engine

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

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Sample only, out of service)

Wear

Cylinder, crank, or cam shaft wear is indicated.

Contamination

There is no indication of any contamination in the

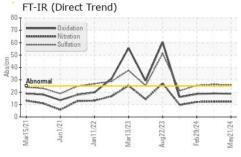
Fluid Condition

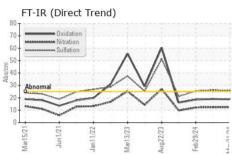
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

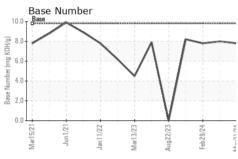
L)		Mar2021	Jun2021 Jan2022	Mar2023 Aug2023 Feb2024	May2024	
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0116295	GFL0101658	GFL0101628
Sample Date		Client Info		21 May 2024	14 Mar 2024	29 Feb 2024
Machine Age	hrs	Client Info		10209	10209	10209
Oil Age	hrs	Client Info		236	236	236
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
CONTAMINATIO	ON	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	105	△ 103	<u></u> 105
	ppm	ASTM D5185m	>20	6	6	6
	ppm	ASTM D5185m	>4	0	0	0
	ppm	ASTM D5185m		0	<1	<1
	ppm	ASTM D5185m	>3	0	0	0
	ppm	ASTM D5185m		10	9	10
	ppm	ASTM D5185m	>40	8	7	9
	ppm			2	3	3
	ppm	ASTM D5185m	>15	<1	0	<1
	ppm	ASTM D5185m		0	<1	0
	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
	ppm	ASTM D5185m		7	6	4
	ppm	ASTM D5185m		0	0	0
-	ppm	ASTM D5185m		70	70	69
	ppm	ASTM D5185m		1	<1	<1
-	ppm	ASTM D5185m		988	987	1134
	ppm	ASTM D5185m		1416	1402	1566
	ppm	ASTM D5185m		1146	1092 1316	1222 1505
	ppm ppm	ASTM D5185m		1371 3330	3400	3347
CONTAMINANT		method	limit/base	current	history1	history2
	ppm	ASTM D5185m		8	7	8
	ppm	ASTM D5185m		4	5	4
	ppm	ASTM D5185m	>20	<1	0	<1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	2.9	2.9	2.9
	Abs/cm	*ASTM D7624		12.4	12.4	12.2
	Abs/.1mm	*ASTM D7415		25.7	26.3	25.5
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.7	19.0	18.5
	mg KOH/g	ASTM D2896	9.8	7.8	8.0	7.8
,	3					

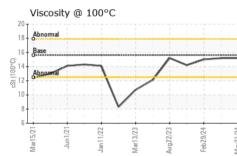


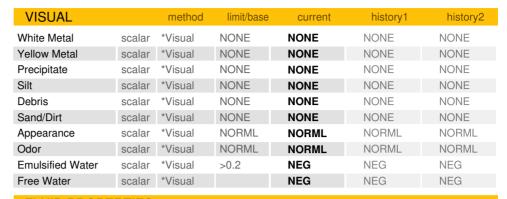
OIL ANALYSIS REPORT





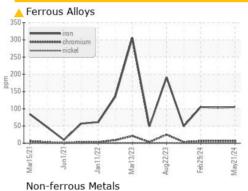


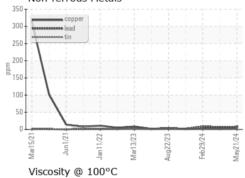


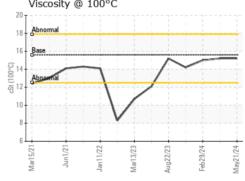


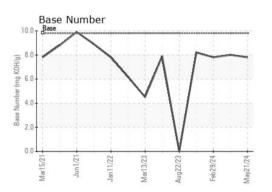
FLUID PROP	EHITES	method	iiiiii/base	current	riistory i	riistoryz
Visc @ 100°C	cSt	ASTM D445	15.6	15.2	15.2	15.0

GRAPHS













Certificate 12367

Sample No.

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06191700

: GFL0116295 Unique Number : 11048452 Test Package : FLEET

Received **Tested**

: 29 May 2024 Diagnosed : 29 May 2024 - Angela Borella

: 24 May 2024

GFL Environmental - 626 - Cadillac Hauling 1501 Ron Wilson St

Cadillac, MI US 49601

Contact: GARY BREWER gbrewerjr@gflenv.com T:

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: GFL626 [WUSCAR] 06191700 (Generated: 05/29/2024 18:57:04) Rev: 1

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