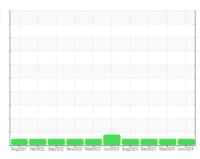


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
929051
Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- 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.

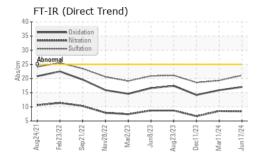
Fluid Condition

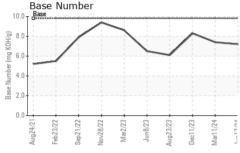
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

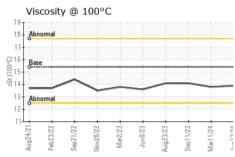
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		GFL0107031	GFL0107811	GFL0107022			
Sample Date		Client Info		17 Jun 2024	11 Mar 2024	11 Dec 2023			
	hrs	Client Info		14812	14136	11791			
	hrs	Client Info		600	600	600			
Oil Changed		Client Info		Changed	Changed	N/A			
Sample Status				NORMAL	NORMAL	NORMAL			
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			
Iron	ppm	ASTM D5185m	>110	14	12	9			
	ppm	ASTM D5185m	>4	<1	<1	0			
	ppm	ASTM D5185m	>2	<1	3	4			
	ppm	ASTM D5185m		0	0	0			
	ppm	ASTM D5185m	>2	<1	0	0			
	ppm	ASTM D5185m		2	1	3			
	ppm	ASTM D5185m	>45	0	0	<1			
	ppm	ASTM D5185m		2	2	2			
	ppm	ASTM D5185m	>4	 <1	<1	0			
	ppm	ASTM D5185m		0	0	0			
	ppm	ASTM D5185m		0	0	0			
ADDITIVES		method	limit/base	current	history1	history2			
_	ppm		0	4	3	<1			
	ppm	ASTM D5185m		0	0	0			
	ppm	ASTM D5185m	60	59	58	56			
	ppm	ASTM D5185m		<1	<1	0			
	ppm	ASTM D5185m	1010	977	950	1036			
	ppm	ASTM D5185m	1070	1096	1075	1186			
	ppm	ASTM D5185m	1150	1076	1017	1096			
	ppm	ASTM D5185m	1270	1314	1256	1248			
	ppm	ASTM D5185m	2060	3168	3262	3129			
CONTAMINANT	S	method	limit/base	current	history1	history2			
	ppm	ASTM D5185m	>30	5	4	10			
	ppm	ASTM D5185m		6	2	1			
	ppm	ASTM D5185m	>20	4	0	1			
INFRA-RED		method	limit/base	current	history1	history2			
Soot %	%	*ASTM D7844	>3	1	0.4	0.4			
	Abs/cm	*ASTM D7624	>20	8.4	8.5	6.7			
	Abs/.1mm	*ASTM D7415	>30	21.1	19.3	18.6			
FLUID DEGRADATION method limit/base current history1 history2									
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.0	15.9	14.2			
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	7.2	7.4	8.3			

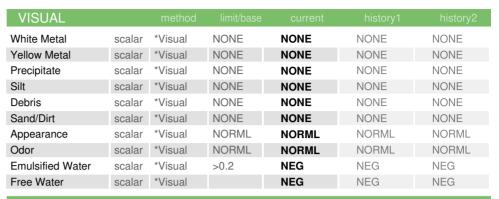


OIL ANALYSIS REPORT



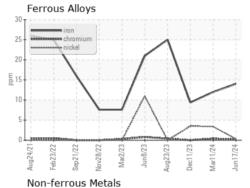




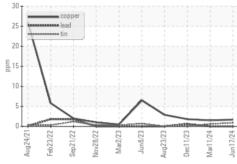


FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	15.4	13.9	13.8	14.1	

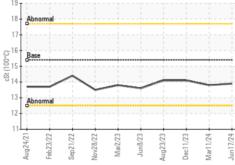
GRAPHS

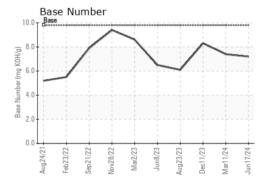
















Certificate 12367

Laboratory Sample No.

Lab Number : 06213262 Unique Number : 11086126

Test Package : FLEET

: GFL0107031

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 18 Jun 2024 **Tested** : 19 Jun 2024 Diagnosed

: 19 Jun 2024 - Wes Davis

GFL Environmental - 465 - Pontiac 888 Baldwin Pontiac, MI US 48340 Contact: Ricky Matthews

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - 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)

rickymathews@gflenv.com T: (586)825-9514

Report Id: GFL465 [WUSCAR] 06213262 (Generated: 06/21/2024 19:58:00) Rev: 1

Submitted By: Ricky Matthews