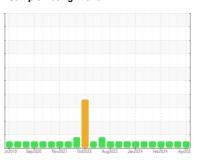


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 927076-260327

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

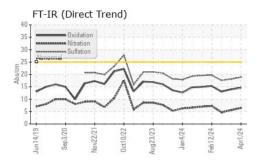
Fluid Condition

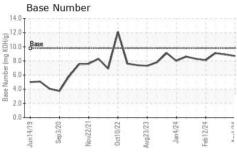
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

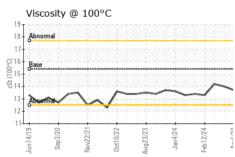
m2019 Smj2020 Nov2021 Ov2022 Aug2023 Jan2024 Fm2024 Apr202								
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2		
Sample Number		Client Info		GFL0111940	GFL0111954	GFL0107964		
Sample Date		Client Info		01 Apr 2024	11 Mar 2024	19 Feb 2024		
Machine Age	hrs	Client Info		8624	8478	8337		
Oil Age	hrs	Client Info		0	0	0		
Oil Changed		Client Info		N/A	Not Changd	Not Changd		
Sample Status				NORMAL	NORMAL	NORMAL		
CONTAMINAT	ION	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 METAL	S	method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185m	>100	12	5	3		
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1		
Nickel	ppm	ASTM D5185m	>4	0	0	0		
Titanium	ppm	ASTM D5185m		0	<1	<1		
Silver	ppm	ASTM D5185m	>3	0	0	0		
Aluminum	ppm	ASTM D5185m	>20	2	2	1		
Lead	ppm	ASTM D5185m	>40	0	<1	0		
Copper	ppm	ASTM D5185m	>330	3	2	2		
Tin	ppm	ASTM D5185m	>15	0	<1	<1		
Vanadium	ppm	ASTM D5185m		<1	0	0		
Cadmium	ppm	ASTM D5185m		0	0	0		
ADDITIVES		method	limit/base	current	history1	history2		
Boron	ppm	ASTM D5185m	0	<1	1	4		
Barium	ppm	ASTM D5185m	0	0	0	0		
Molybdenum	ppm	ASTM D5185m	60	64	60	60		
Manganese	ppm	ASTM D5185m	0	0	0	<1		
Magnesium	ppm	ASTM D5185m	1010	1039	939	1002		
Calcium	ppm	ASTM D5185m	1070	1175	1067	1082		
Phosphorus	ppm	ASTM D5185m	1150	1100	996	1095		
Zinc	ppm	ASTM D5185m	1270	1356	1214	1333		
Sulfur	ppm	ASTM D5185m	2060	3831	3148	3294		
CONTAMINAN	ITS	method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>25	3	4	3		
Sodium	ppm	ASTM D5185m		3	<1	1		
Potassium	ppm	ASTM D5185m	>20	0	2	1		
INFRA-RED		method	limit/base	current	history1	history2		
Soot %	%	*ASTM D7844	>3	0.3	0.2	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	6.5	5.6	4.7		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.9	18.1	17.6		
FLUID DEGRADATION method limit/base current history1 history2								
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.6	14.0	13.1		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.7	8.9	9.1		
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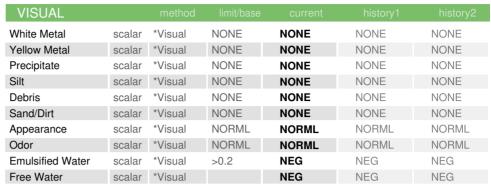


OIL ANALYSIS REPORT



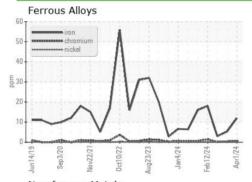


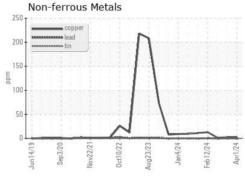


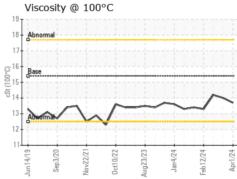


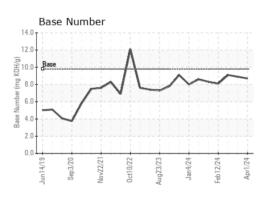
FLUID PROP	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.7	14.0	14.2

GRAPHS













Laboratory Sample No. Lab Number : 06137251

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0111940

Received **Tested** Unique Number: 10956716

: 03 Apr 2024 : 04 Apr 2024 : 04 Apr 2024 - Wes Davis Diagnosed

GFL Environmental - 892 - Pauls Valley Hauling

1910 S CHICKASAW STREET Pauls Valley, OK

US 73075 Contact: Tony Graham

tgraham2@wcamerica.com

Test Package : FLEET Certificate L2367 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) T:

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