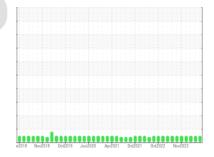


OIL ANALYSIS REPORT

Sample Rating Trend







10710 Component Diesel Engine

Machine Id

PETRO CANADA DURON SHP 15W40 (600 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.

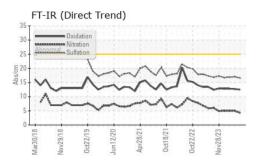
Fluid Condition

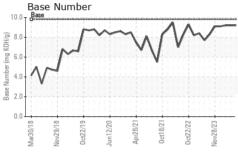
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

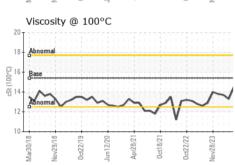
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0118728	GFL0110591	GFL0110566
Sample Date		Client Info		07 May 2024	26 Feb 2024	14 Feb 2024
Machine Age	hrs	Client Info		19080	19152	18795
Oil Age	hrs	Client Info		200	0	18795
Oil Changed		Client Info		Not Changd	Changed	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	>110	16	23	13
Chromium	ppm	ASTM D5185m	>4	<1	1	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>25	5	10	7
Lead	ppm	ASTM D5185m	>45	0	0	<1
Copper	ppm	ASTM D5185m	>85	3	<1	<1
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	2	3	5
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	57	63	60
Manganese	ppm	ASTM D5185m	0	1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	976	940	897
Calcium	ppm	ASTM D5185m	1070	1044	979	953
Phosphorus	ppm	ASTM D5185m	1150	1063	1073	976
Zinc	ppm	ASTM D5185m	1270	1244	1238	1206
Sulfur	ppm	ASTM D5185m	2060	3592	3311	3025
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	5	5	4
Sodium	ppm	ASTM D5185m		1	2	1
Potassium	ppm	ASTM D5185m	>20	<1	4	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	4.3	5.0	5.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	16.6	17.0	16.9
FLUID DEGRA	OATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	12.5	12.7	12.8
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	9.2	9.2	9.2

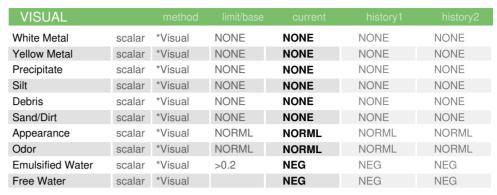


OIL ANALYSIS REPORT



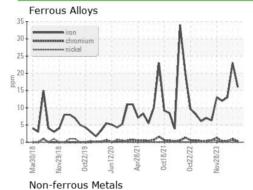




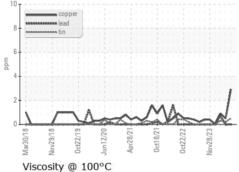


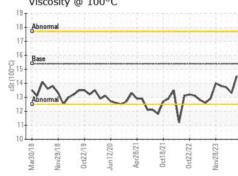
FLUID PROPE	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	14.5	13.3	13.7

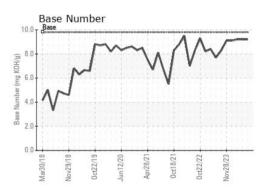
GRAPHS















Certificate 12367

Laboratory Sample No.

: GFL0118728 Lab Number : 06176705 Unique Number : 11022758

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 13 May 2024

Tested : 14 May 2024 Diagnosed : 14 May 2024 - Wes Davis

GFL Environmental - 166 - Phenix City 18 Old Brickyard Rd Phenix City, AL

US 36869 Contact: DEAN PEACE JR dean.peace@gflenv.com

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)

T:

F: