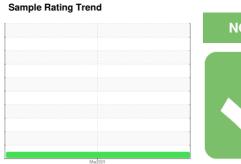


OIL ANALYSIS REPORT







522077 Component

Diesel Engine

Machine Id

PETRO CANADA DURON SHP 15W40 (---

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

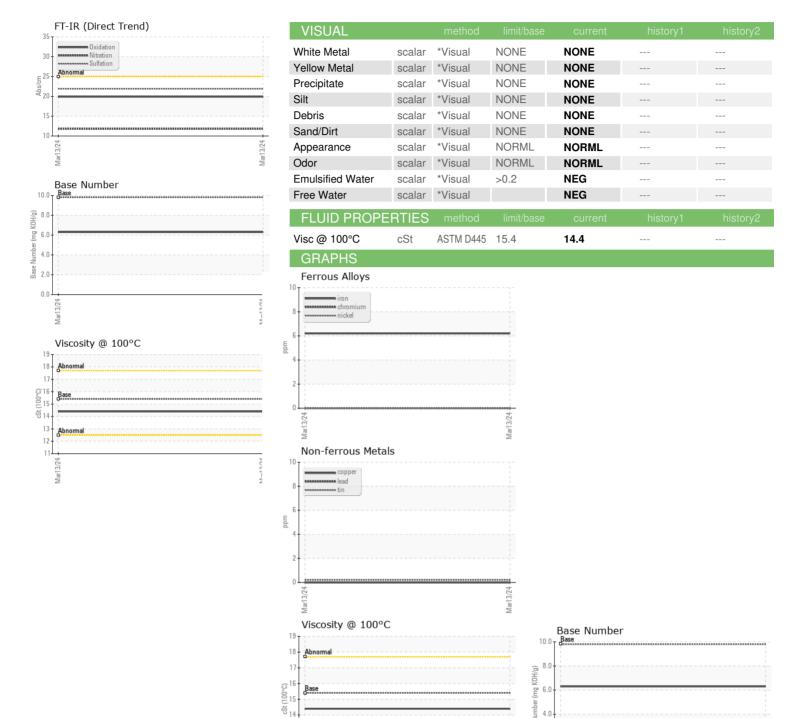
Fluid Condition

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

GAL)				Mar2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0095236		
Sample Date		Client Info		13 Mar 2024		
Machine Age	hrs	Client Info		6235		
Oil Age	hrs	Client Info		600		
Oil Changed	1113	Client Info		Changed		
Sample Status		Oliciti IIIIo		NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	6		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	0		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	5		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	60	55		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	1010	907		
Calcium	ppm	ASTM D5185m	1070	1205		
Phosphorus	ppm	ASTM D5185m	1150	1064		
Zinc	ppm	ASTM D5185m	1270	1261		
Sulfur	ppm	ASTM D5185m	2060	3600		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.5		
Nitration	Abs/cm	*ASTM D7624	>20	11.8		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.9		
FLUID DEGRAD	NOITAC	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.9		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	6.3		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: GFL0095236 Lab Number : 06228299

13

Unique Number : 11111792 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 05 Jul 2024 : 08 Jul 2024 Diagnosed

: 08 Jul 2024 - Wes Davis

Base

0.0

GFL Environmental - 421 - Huntington Road Hauling

3204 Lower Huntington Rd FORT WAYNE, IN US 46809

Contact: MICHAEL MUGG MMUGG@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: GFL421 [WUSCAR] 06228299 (Generated: 07/09/2024 09:39:35) Rev: 1

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