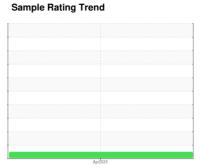


# **OIL ANALYSIS REPORT**









Machine Id 723047 **Diesel Engine** 

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

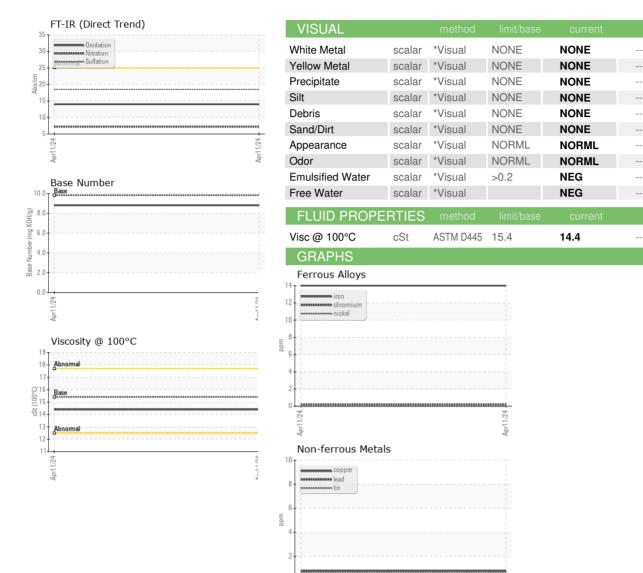
## **Fluid Condition**

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

I SHP 15W40 (-	GAL)			Apr2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0111252		
Sample Date		Client Info		11 Apr 2024		
Machine Age	hrs	Client Info		0		
Dil Age	hrs	Client Info		600		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
uel		WC Method	>5	<1.0		
Vater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	_S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	14		
Chromium	ppm	ASTM D5185m	>20	<1		
lickel	ppm	ASTM D5185m	>2	0		
itanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
luminum	ppm	ASTM D5185m	>25	2		
ead	ppm	ASTM D5185m	>40	<1		
opper	ppm	ASTM D5185m	>330	<1		
ïn	ppm	ASTM D5185m	>15	<1		
anadium/	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	1		
Barium	ppm	ASTM D5185m	0	0		
Nolybdenum	ppm	ASTM D5185m	60	58		
1anganese	ppm	ASTM D5185m	0	<1		
/lagnesium	ppm	ASTM D5185m	1010	982		
alcium	ppm	ASTM D5185m	1070	1146		
hosphorus	ppm	ASTM D5185m	1150	1019		
linc	ppm	ASTM D5185m	1270	1198		
Sulfur	ppm	ASTM D5185m	2060	3642		
CONTAMINAN	NTS	method	limit/base	current	history1	history
Silicon	ppm	ASTM D5185m	>25	9		
Sodium	ppm	ASTM D5185m		3		
otassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.5		
litration	Abs/cm	*ASTM D7624	>20	7.2		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.5		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.0		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.8		



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: GFL0111252 Lab Number : 06154084 Unique Number : 10989507

100 ₹ 14

13

Test Package : FLEET

Viscosity @ 100°C

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

: 19 Apr 2024 **Tested** : 22 Apr 2024 Diagnosed

: 22 Apr 2024 - Wes Davis

Apr11/24

GFL Environmental - 960B - Pittsfield HC 1335 W. Washington Pittsfield, IL

> US 62363 Contact: David Bradshaw david.bradshaw@gflenv.com

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)

(mg K0H/g)

Base

0.0

Report Id: GFL960B [WUSCAR] 06154084 (Generated: 04/23/2024 10:59:38) Rev: 1

Base Number

T:

F: