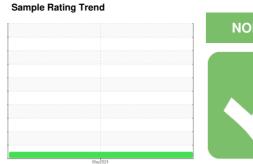


OIL ANALYSIS REPORT

(61800Z) S0916A-Suamico 568000

Front Center Diesel Engine

PETRO CANADA DURON SHP 15W40 (42 QTS)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Metal levels are typical for a components first oil change.

Contamination

There is no indication of any contamination in the

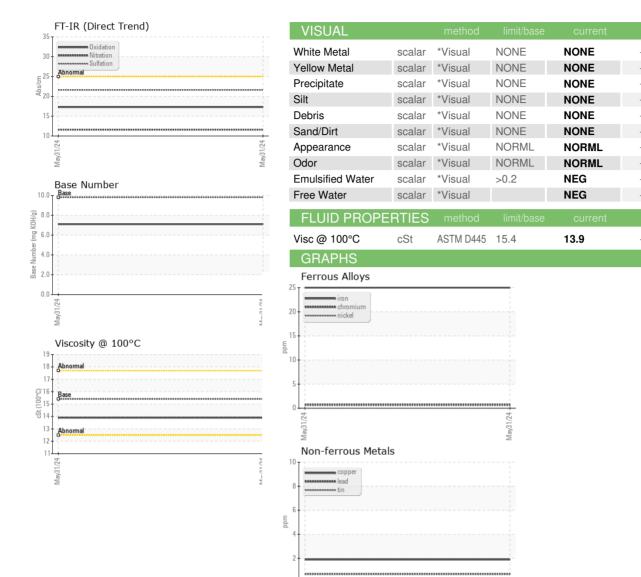
Fluid Condition

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

TS)			1	May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0115633		
Sample Date		Client Info		31 May 2024		
Machine Age	hrs	Client Info		15021		
Oil Age	hrs	Client Info		15021		
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	25		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>4	<1		
- itanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	<1		
Aluminum	ppm	ASTM D5185m	>20	5		
ead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>330	2		
- Tin	ppm	ASTM D5185m	>15	<1		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	4		
Barium	ppm	ASTM D5185m	0	1		
Nolybdenum	ppm	ASTM D5185m	60	72		
Manganese	ppm	ASTM D5185m	0	<1		
//agnesium	ppm	ASTM D5185m	1010	1039		
Calcium	ppm	ASTM D5185m	1070	1262		
Phosphorus	ppm	ASTM D5185m	1150	1087		
Zinc	ppm	ASTM D5185m	1270	1357		
Sulfur	ppm	ASTM D5185m	2060	3354		
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1.7		
Nitration	Abs/cm	*ASTM D7624	>20	11.6		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.6		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.3		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	7.1		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06217816 Unique Number : 11096013 Test Package : FLEET

(100 ₹ 14

13

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0115633 Received

Viscosity @ 100°C

: 24 Jun 2024 **Tested** : 25 Jun 2024 Diagnosed

: 25 Jun 2024 - Wes Davis

(mg K0H/g)

Base

0.0

Base Number

GFL Environmental - 916A - Suamico 2300 Deerfield Ave E

Suamico, WI US 54313

Contact: NICHOLAS WEIDNER nweidner@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)



T:

F: