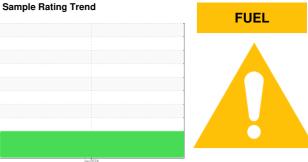


OIL ANALYSIS REPORT



KENWORTH 427202-SW4828

Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- G

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Light fuel dilution occurring.

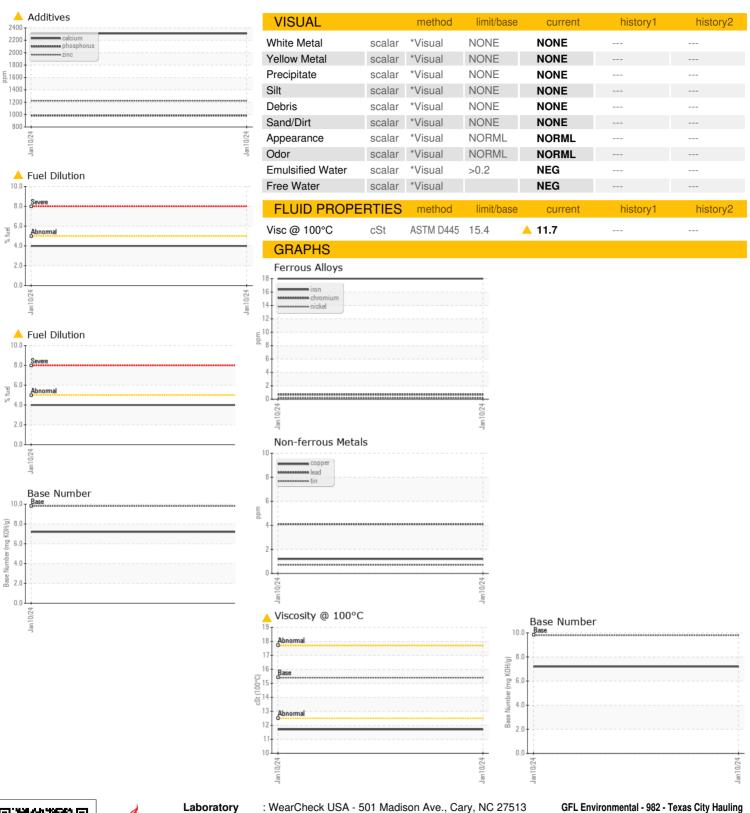
▲ Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is suitable for further service.

AL)				Jan 2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history?
	IVIA I ION		IIIIIIVDase		history1	history2
Sample Number		Client Info		GFL0095394		
Sample Date		Client Info		10 Jan 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		600		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Vater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	18		
Chromium	ppm	ASTM D5185m	>20	<1		
lickel	ppm	ASTM D5185m	>4	<1		
itanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Muminum	ppm	ASTM D5185m	>20	1		
.ead	ppm	ASTM D5185m	>40	4		
Copper	ppm	ASTM D5185m	>330	1		
in		ASTM D5185m	>15	<1		
″anadium	ppm	ASTM D5185m	>10	0		
	ppm			0		
Cadmium	ppm	ASTM D5185m		U		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0		
Barium	ppm	ASTM D5185m	0	0		
Nolybdenum	ppm	ASTM D5185m	60	59		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	1010	26		
Calcium	ppm	ASTM D5185m	1070	2309		
hosphorus	ppm	ASTM D5185m	1150	985		
linc	ppm	ASTM D5185m	1270	1223		
Sulfur	ppm	ASTM D5185m	2060	3131		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	9		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Fuel	%	ASTM D3524	>5	<u> </u>		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.7		
Nitration	Abs/cm	*ASTM D7624	>20	7.6		
Sulfation	Abs/.1mm	*ASTM D7024	>30	18.4		
FLUID DEGRAI			limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	10.0		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	7.2		



OIL ANALYSIS REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: GFL0095394 : 06069351 : 10846028

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 24 Jan 2024 Diagnosed : 25 Jan 2024 Diagnostician : Wes Davis

Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel)

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. 1004 4th Ave S Texas City, TX

US 77590 Contact: COLLIN FERNANDEZ

cfernandez@gflenv.com T: (832)920-9305

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: