

# **OIL ANALYSIS REPORT**

Sample Rating Trend

**WEAR** 

10-69 (S/N FP8-19)

Component

**Diesel Engine** 

PETRO CANADA DURON XL SYN BLEND

### **DIAGNOSIS**

### Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

Piston, ring and cylinder wear is indicated.

### Contamination

There is no indication of any contamination in the

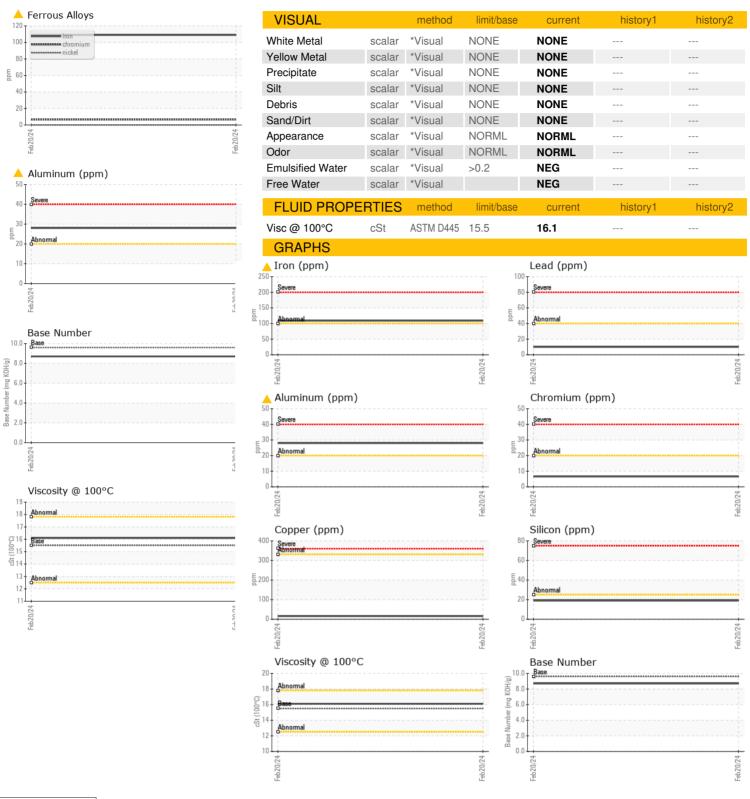
### **Fluid Condition**

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

5W40 ( GAL)						
				Feb 2024		
SAMPLE INFORM	IAHON	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0056805		
Sample Date		Client Info		20 Feb 2024		
Machine Age	hrs	Client Info		8925		
J	hrs	Client Info		828		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS	6	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	<b>△</b> 109		
	ppm	ASTM D5185m	>20	7		
	ppm	ASTM D5185m	>4	0		
	ppm	ASTM D5185m		0		
	ppm	ASTM D5185m	>3	0		
	ppm	ASTM D5185m	>20	<u>^</u> 28		
	ppm	ASTM D5185m	>40	10		
	ppm	ASTM D5185m	>330	16		
	ppm	ASTM D5185m	>15	2		
	ppm	ASTM D5185m	710	0		
	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	1	22		
	ppm	ASTM D5185m		0		
	ppm	ASTM D5185m	60	71		
	ppm	ASTM D5185m		<1		
	ppm	ASTM D5185m	1010	1045		
	ppm	ASTM D5185m	1070	1719		
	ppm	ASTM D5185m	1150	1221		
	ppm	ASTM D5185m	1270	1635		
	ppm	ASTM D5185m		3769		
CONTAMINANT	S	method	limit/base	current	history1	history2
		ASTM D5185m	>25	19		
	ppm	ASTM D5185m	720	2		
	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
	%	*ASTM D7844	>3	0.2		
	Abs/cm	*ASTM D7624		14.4		
	Abs/.1mm	*ASTM D7624		25.0		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Abs/.1mm	*ASTM D7414	>25	28.2		
Base Number (BN)	mg KOH/g	ASTM D2896	9.6	8.7		



## **OIL ANALYSIS REPORT**







Laboratory Sample No.

Lab Number : 06120500

Unique Number: 10929333 Test Package : MOB 1 ( Additional Tests: TBN )

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0056805 Received

**Tested** Diagnosed

: 18 Mar 2024 : 19 Mar 2024

: 20 Mar 2024 - Don Baldridge

**JOHNSON DAVIS CONTRACTORS** 604 HILBRATH DR LANTANA, FL

US 33462 Contact: GENE GARDNER ggardner@johnsondavis.com

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

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