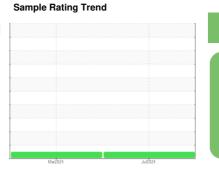


# **OIL ANALYSIS REPORT**

# (71239Z) Walgreens - Tractor [Walgreens - Tractor] 136A624096

**Diesel Engine** 

PETRO CANADA DURON SHP 10W30 (11 GAL)





### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the

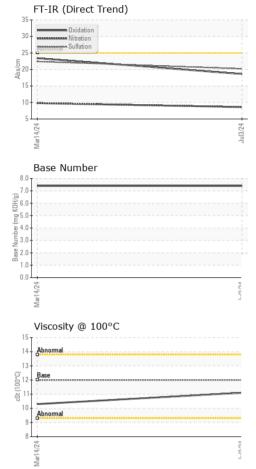
### **Fluid Condition**

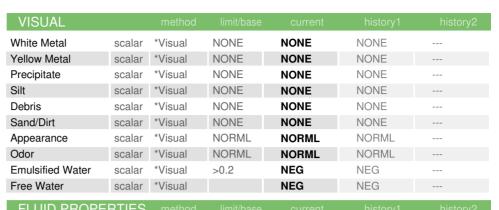
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

GAL)			Mar2024	Jul2024					
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		PCA0129476	PCA0093943				
Sample Date		Client Info		03 Jul 2024	14 Mar 2024				
Machine Age	mls	Client Info		84146	32996				
Oil Age	mls	Client Info		32996	32996				
Oil Changed		Client Info		Not Changd	Not Changd				
Sample Status				NORMAL	NORMAL				
CONTAMINATIO	NC	method	limit/base	current	history1	history2			
Fuel		WC Method	>5	<1.0	<1.0				
Water		WC Method	>0.2	NEG	NEG				
Glycol		WC Method		NEG	NEG				
WEAR METALS	;	method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185m	>80	34	48				
Chromium	ppm	ASTM D5185m	>5	3	4				
Nickel	ppm	ASTM D5185m	>2	<1	0				
	ppm	ASTM D5185m		<1	0				
Silver	ppm	ASTM D5185m	>3	<1	0				
Aluminum	ppm			20	45				
	ppm	ASTM D5185m	>30	0	4				
	ppm	ASTM D5185m		162	280				
	ppm	ASTM D5185m	>5	2	4				
	ppm	ASTM D5185m		0	0				
	ppm	ASTM D5185m		0	0				
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m	2	15	41				
Barium	ppm	ASTM D5185m		0	<1				
	ppm	ASTM D5185m	50	60	54				
	ppm	ASTM D5185m		1	4				
	ppm	ASTM D5185m	950	824	564				
	ppm	ASTM D5185m	1050	1298	1845				
	ppm	ASTM D5185m	995	961	689				
	ppm ppm	ASTM D5185m ASTM D5185m	1180 2600	1137 2548	894 2394				
CONTAMINANT		method	limit/base	current		history2			
		ASTM D5185m	>20	5	history1 9	TilStory2			
	ppm ppm	ASTM D5185m	>20	4	5				
_	ppm	ASTM D5185m	>20	51	113				
INFRA-RED	pp	method	limit/base	current	history1	history2			
	%	*ASTM D7844	>3	0.5	0.4				
	Abs/cm	*ASTM D7624	>20	8.6	9.8				
	Abs/.1mm	*ASTM D7024		20.2	22.4				
FLUID DEGRADATION method limit/base current history1 history2									
		*ASTM D7414		18.6					
	Abs/.1mm	ASTM D2896	>25	7.4	23.4 7.4				
Dase Number (DIV)	mg KOH/g	49 LINI D5030		7.4	7.4				



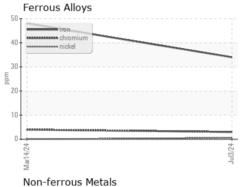
## **OIL ANALYSIS REPORT**

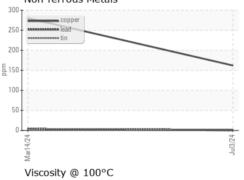


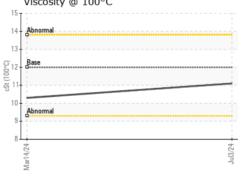


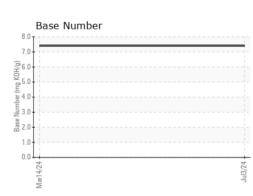
FLUID FROF	LULIES	method			HISTOLAL	HISTOLYZ
Visc @ 100°C	cSt	ASTM D445	12.00	11.1	10.3	

### **GRAPHS**













Certificate 12367

Laboratory Sample No. Lab Number : 06231890 Unique Number : 11115383

: PCA0129476

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 Jul 2024 **Tested** 

: 10 Jul 2024 Diagnosed : 10 Jul 2024 - Wes Davis

Transervice - Shop 1372 - Berkeley-Moreno Valley 17500 Perris Blvd. Moreno Valley, CA

US 92551 Contact: Ryan Cruz

rcruz@transervice.com T: (951)924-7131 F: (951)924-7151

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

 $^st$  - 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)