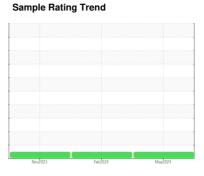


OIL ANALYSIS REPORT

(89952X) Walgreens - Tractor [Walgreens - Tractor] 136A69014

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

There is no indication of any contamination in the

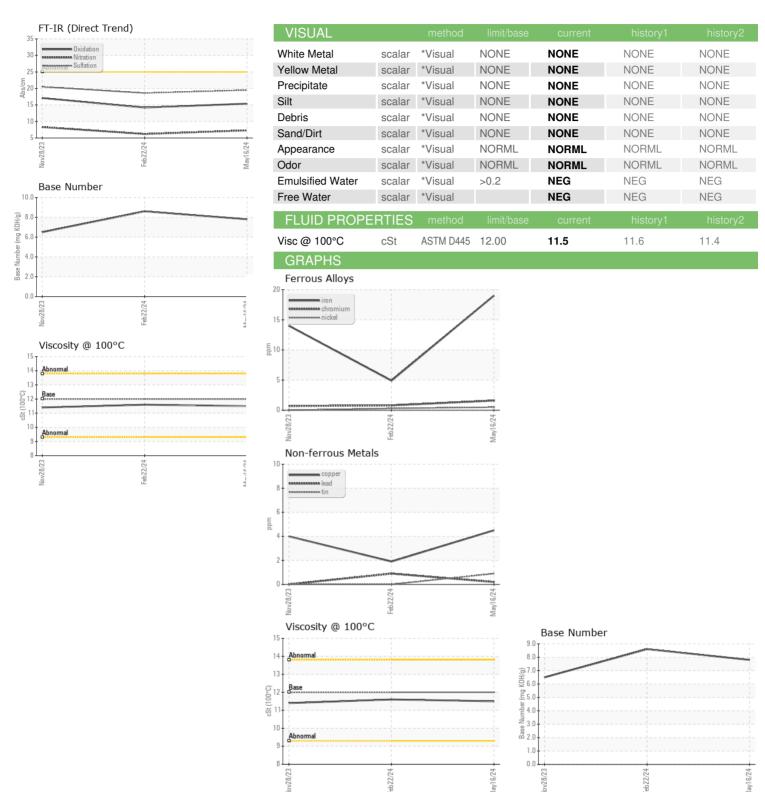
Fluid Condition

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

Sample Number Client Info PCA0117824 PCA0117918 PCA0105386 Sample Date Client Info 16 May 2024 22 Feb 2024 28 Nov 2023 Machine Age mls Client Info 34342 30000 19405 Oil Age mls Client Info 34342 30000 19405 Oil Changed NoRMAL NORMAL	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Date		,				•	•
Machine Age mls Client Info 609329 586679 574987 Oil Age mls Client Info 34342 30000 19405 Oil Changed Client Info Changed Not Changed Not Changed Sample Status NoRMAL NORMAL NORMAL NORMAL CONTAMINATION method Imitibase current history1 history2 Fuel WC Method >5 <1.0							
Oil Age mls Client Info 34342 30000 19405 Oil Changed Sample Status Client Info Changed Changed Not Changed Changed Changed Not Changed Chan		mls			-		
Client Info Changed NORMAL NORMAL NORMAL NORMAL							
NORMAL NORMAL NORMAL NORMAL	-	11110			· · · · · ·		
Fuel	-		Ollotte IIIIo			Ŭ	0
Water Glycol WC Method >0.2 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >80 19 5 14 Chromium ppm ASTM D5185m >5 2 <1		ON	method	limit/base	current	history1	history2
WEAR METALS	Fuel		WC Method	>5	<1.0	<1.0	<1.0
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >80 19 5 14 Chromium ppm ASTM D5185m >5 2 <1	Water		WC Method	>0.2	NEG	NEG	NEG
Irron					NEG	NEG	
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Chromium	Iron	ppm	ASTM D5185m	>80	19	5	14
Nickel			ASTM D5185m	>5	2	<1	<1
Titanium							
Silver							
Aluminum				>3			
Lead							
Copper ppm ASTM D5185m >150 4 2 4 Tin ppm ASTM D5185m >5 <1							
Tin							
Vanadium ppm ASTM D5185m <1 <1 0 Cadmium ppm ASTM D5185m 0 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 1 2 2 Barium ppm ASTM D5185m 0 0 0 2 Molybdenum ppm ASTM D5185m 50 62 60 60 Manganese ppm ASTM D5185m 0 <1 <1 0 Magnesium ppm ASTM D5185m 950 980 1011 904 Calcium ppm ASTM D5185m 995 984 1069 874 Zinc ppm ASTM D5185m 296 984 1069 874 Zinc ppm ASTM D5185m 2600 3120 3026 2855 CONTAMINANTS method limit/base current history1 histor					-		
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Boron	ADDITIVES		method	limit/base	current	history1	history2
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Sodium ppm ASTM D5185m <1 1 0 Potassium ppm ASTM D5185m >20 3 2 2 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.4 Nitration Abs/cm *ASTM D7624 >20 7.3 6.2 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.5 18.6 20.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 14.2 17.1			ASTM D5185m	>20	9	4	6
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Nitration Abs/cm *ASTM D7624 >20 7.3 6.2 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.5 18.6 20.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 14.2 17.1	INFRA-RED		method	limit/base	current	history1	history2
Nitration Abs/cm *ASTM D7624 >20 7.3 6.2 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 19.5 18.6 20.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 14.2 17.1	Soot %	%	*ASTM D7844	>3	0.4	0.3	0.4
Sulfation Abs/.1mm *ASTM D7415 >30 19.5 18.6 20.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 14.2 17.1							
Oxidation Abs/.1mm *ASTM D7414 >25 15.4 14.2 17.1							
	FLUID DEGRADA	ATION	method	limit/base			
			*ASTM D7414	>25			17 1
		mg KOH/g	ASTM D2896	- 20	7.8	8.6	6.5



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06188707 Unique Number : 11045459 Test Package : FLEET

: PCA0117824

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 May 2024

Tested : 24 May 2024

Diagnosed : 24 May 2024 - Wes Davis

Transervice - Shop 1366 - Berkeley-Woodland 2370 East Main Street

Woodland, CA US 95776

Contact: Gary Mann gmann@transervice.com T: (530)666-7771

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)

F: (530)406-7971