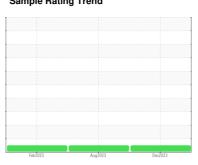


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



737099

Component **Diesel Engine**

PETRO CANADA DURON SHP 10W30 (--- 0

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. 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. No other contaminants were detected in the oil.

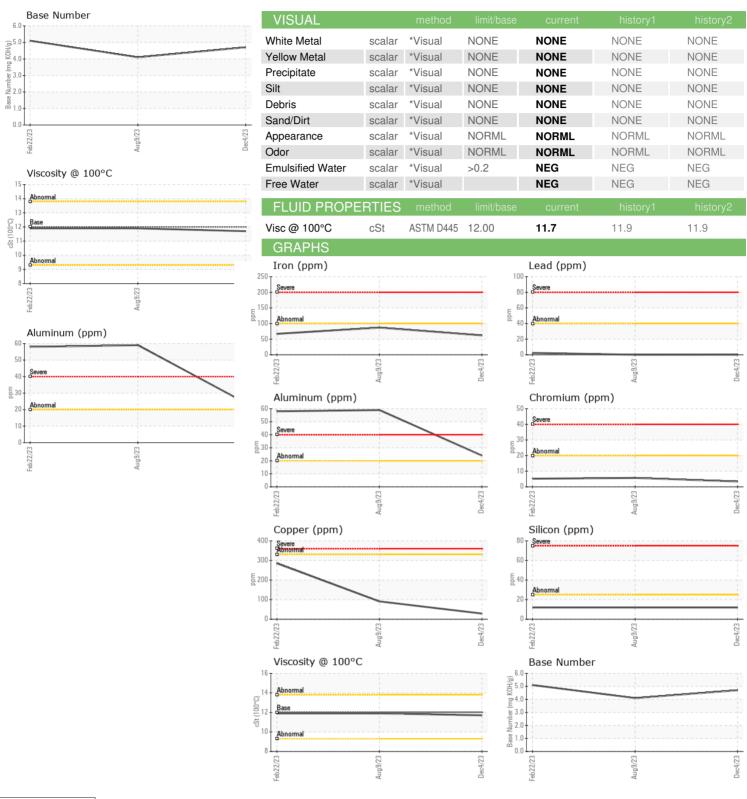
Fluid Condition

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.

GAL)		Feb	2023	Aug2023 Dec202	3	
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0112226	PCA0102893	PCA0093287
Sample Date		Client Info		04 Dec 2023	09 Aug 2023	22 Feb 2023
Machine Age	mls	Client Info		224504	49736	0
Oil Age	mls	Client Info		224504	49736	0
Oil Changed		Client Info		Not Changd	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	62	87	67
Chromium	ppm	ASTM D5185m	>20	3	6	5
Nickel	ppm	ASTM D5185m	>4	1	<1	<1
	ppm	ASTM D5185m		1	3	0
	ppm	ASTM D5185m	>3	<1	<1	0
	ppm	ASTM D5185m	>20	24	59	58
	ppm	ASTM D5185m	>40	<1	0	2
	ppm		>330	29	91	285
	ppm	ASTM D5185m	>15	1	1	4
	ppm	ASTM D5185m		0	0	0
	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
	ppm	ASTM D5185m		1	8	28
	ppm	ASTM D5185m		12	0	0
	ppm	ASTM D5185m	50	62	72	37
	ppm	ASTM D5185m		1	1	4
	ppm	ASTM D5185m	950	917	1037	496
	ppm	ASTM D5185m	1050	1262	1759	2092
	ppm	ASTM D5185m	995	986	1197	831
	ppm ppm	ASTM D5185m ASTM D5185m	1180 2600	1273 2626	1641 3554	1049 1817
CONTAMINANT		method	limit/base	current	history1	history2
	ppm		>25	12	12	12
	ppm	ASTM D5185m	<i>></i> 20	0	<1	4
	ppm	ASTM D5185m	>20	56	134	134
INFRA-RED		method	limit/base	current	history1	history2
	%	*ASTM D7844	>3	1.7	1.8	1.3
	Abs/cm	*ASTM D7624	>20	13.6	16.1	15.2
	Abs/.1mm	*ASTM D7415		26.7	28.3	27.4
FLUID DEGRADATION method limit/base current history1 history2						
Oxidation	Abs/.1mm	*ASTM D7414	>25	26.7	30.2	33.2
	mg KOH/g	ASTM D2896		4.7	4.1	5.1
	3 3					



OIL ANALYSIS REPORT







Certificate L2367

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

: PCA0112226 : 06035820

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved Diagnosed

: 10791049 Diagnostician : Don Baldridge

: 15 Dec 2023

: 19 Dec 2023

Test Package : MOB 1 (Additional Tests: TBN) 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)

MILLER TRUCK LEASING #118

2196 BENNETT ROAD PHILADELPHIA, PA US 19116

Contact: ROSTY VITER rviter@millertransgroup.com T: (215)552-9832

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