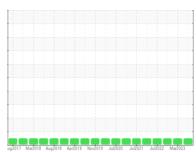


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



KENWORTH 470681

Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (22 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

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 oil

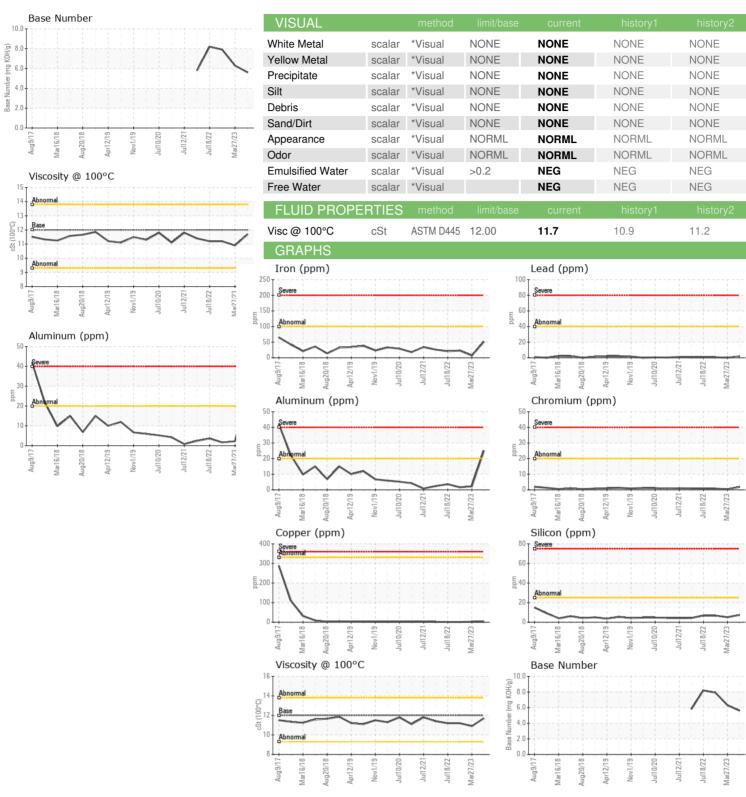
Fluid Condition

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

QTS)		лg2017 Mar20	118 Aug 2018 Apr 2019 No	v2019 Jul2020 Jul2021 Jul2022	Mar2023	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number Sample Date		Client Info		PCA0100919 08 Aug 2023	PCA0094519 27 Mar 2023	PCA0079765 05 Nov 2022
Machine Age Oil Age	mls mls	Client Info		199624 20000	0	176467 0
Oil Changed	11115	Client Info		Changed	Changed	Changed
Sample Status		Olletti Ittio		NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	51	7	23
Chromium	ppm	ASTM D5185m	>20	2	<1	<1
Nickel	ppm	ASTM D5185m	>4	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	<1	<1	0
Aluminum	ppm	ASTM D5185m	>20	25	2	2
Lead	ppm	ASTM D5185m	>40	2	0	<1
Copper	ppm	ASTM D5185m	>330	2	2	1
Tin	ppm	ASTM D5185m	>15	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	7	53	6
Barium	ppm	ASTM D5185m	0	2	0	0
Molybdenum	ppm	ASTM D5185m	50	73	44	63
Manganese	ppm	ASTM D5185m	0	1	1	<1
Magnesium	ppm	ASTM D5185m	950	978	567	861
Calcium	ppm	ASTM D5185m	1050	1325	1710	1085
Phosphorus	ppm	ASTM D5185m	995	1055	982	931
Zinc	ppm	ASTM D5185m	1180	1387	1166	1167
Sulfur	ppm	ASTM D5185m	2600	3808	3594	3240
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	5	7
Sodium	ppm	ASTM D5185m		6	3	<1
Potassium	ppm	ASTM D5185m	>20	51	6	3
INFRA-RED		method	limit/base	current	history1	history2
		*ACTM D7044	>3	1.2	0.8	0.7
Soot %	%	*ASTM D7844				
Nitration	% Abs/cm	*ASTM D7624		13.7	11.1	13.1
			>20			
Nitration	Abs/cm Abs/.1mm	*ASTM D7624 *ASTM D7415	>20	13.7	11.1	13.1
Nitration Sulfation	Abs/cm Abs/.1mm	*ASTM D7624 *ASTM D7415	>20 >30 limit/base	13.7 26.2	11.1 20.1	13.1 24.2



OIL ANALYSIS REPORT





Certificate L2367

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0100919

: 05922987 : 10602934 Received Diagnosed

: 14 Aug 2023 : 14 Aug 2023

: Wes Davis Diagnostician 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 #114

63 REPAUPO STATION ROAD LOGAN TOWNSHIP, NJ US 08085

Contact: ED DAVIS

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