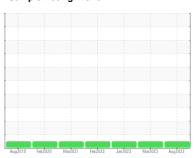


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



FREIGHTLINER 308960

Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

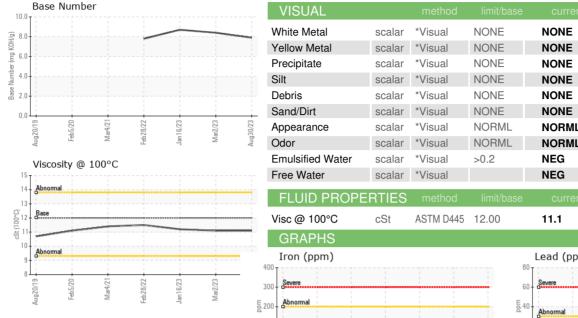
Fluid Condition

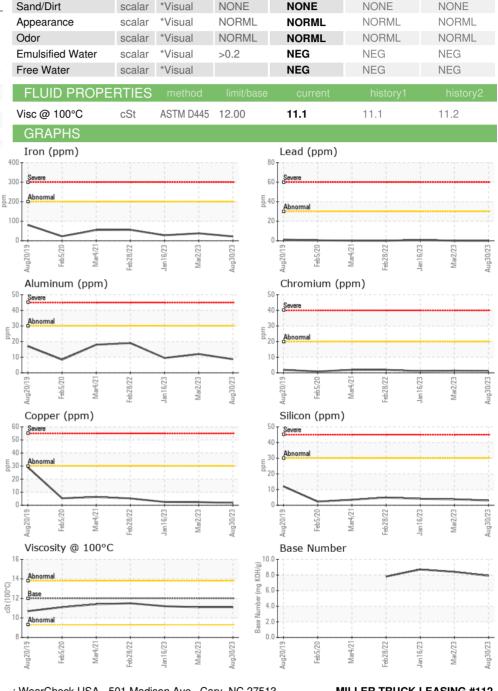
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

x10)		Aug2019	Feb2020 Mar2021	Feb 2022 Jan 2023 Mar 2023	Aug2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0101984	PCA0089895	PCA0082194
Sample Date		Client Info		30 Aug 2023	02 Mar 2023	16 Jan 2023
Machine Age	mls	Client Info		834	0	115142
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATI	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	22	38	28
Chromium	ppm	ASTM D5185m	>20	1	1	1
Nickel	ppm	ASTM D5185m	>2	<1	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>30	9	12	10
Lead	ppm	ASTM D5185m	>30	0	0	<1
Copper	ppm	ASTM D5185m	>30	2	2	2
Tin	ppm	ASTM D5185m	>15	<1	1	2
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	11	4	5
Barium	ppm	ASTM D5185m	0	0	2	2
Molybdenum	ppm	ASTM D5185m	50	73	62	57
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	950	972	913	856
Calcium	ppm	ASTM D5185m	1050	1208	1114	997
Phosphorus	ppm	ASTM D5185m	995	1080	1022	908
Zinc	ppm	ASTM D5185m	1180	1265	1209	1121
Sulfur	ppm	ASTM D5185m	2600	3723	2754	3179
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	3	4	4
Sodium	ppm	ASTM D5185m		2	<1	2
Potassium	ppm	ASTM D5185m	>20	<1	7	4
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.5	0.9	0.9
Nitration	Abs/cm	*ASTM D7624	>20	9.1	11.0	10.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.3	20.9	20.3
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.9	17.1	16.2
Base Number (BN)	mg KOH/g	ASTM D2896		7.9	8.4	8.7
	0 - 0					



OIL ANALYSIS REPORT









Certificate L2367

Laboratory Sample No.

Lab Number

Unique Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Sep 2023 : PCA0101984

: 06 Sep 2023

: 05941903 Diagnosed : 10632515 Diagnostician

: Wes Davis 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 #112

1504 MAINLINE DR CINNAMINSON, NJ US 08077

NONE

Contact: MIKE BOYER mboyer@millertransgroup.com

T: (856)662-4264 F: (856)663-4898

Report Id: MILPEN [WUSCAR] 05941903 (Generated: 09/06/2023 10:42:58) Rev: 1

Contact/Location: MIKE BOYER - MILPEN