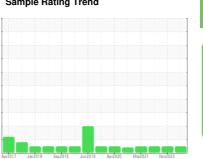


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



FREIGHTLINER 476410

Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- 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.

Agr2017 Jan2018 Sags2018 Jun2019 Agr2020 Mm2021 Nov2022						
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0098939	PCA0082233	PCA0055401
Sample Date		Client Info		15 Aug 2023	10 Nov 2022	27 Jul 2021
Machine Age	mls	Client Info		274658	72816	219133
Oil Age	mls	Client Info		0	21815	12679
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATI	ON	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	3	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>130	65	129	46
Chromium	ppm	ASTM D5185m	>10	4	16	2
Nickel	ppm	ASTM D5185m	>4	<1	1	0
Titanium	ppm	ASTM D5185m	>2	<1	<1	<1
Silver	ppm	ASTM D5185m	>2	0	0	<1
Aluminum	ppm	ASTM D5185m	>20	12	19	14
Lead	ppm	ASTM D5185m	>20	0	0	<1
Copper	ppm	ASTM D5185m	>125	2	4	2
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	8	5	11
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	50	68	67	67
Manganese	ppm	ASTM D5185m	0	<1	1	<1
Magnesium	ppm	ASTM D5185m	950	973	985	979
Calcium	ppm	ASTM D5185m	1050	1215	1213	1173
Phosphorus	ppm	ASTM D5185m	995	1038	1016	1052
Zinc	ppm	ASTM D5185m	1180	1273	1310	1233
Sulfur	ppm	ASTM D5185m	2600	3443	2977	2580
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5	9	5
Sodium	ppm	ASTM D5185m		4	4	2
Potassium	ppm	ASTM D5185m	>20	4	6	6
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>6	1.7	3.4	1.6
Nitration	Abs/cm	*ASTM D7624	>20	11.7	16.2	10.9
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.5	30.9	22.2
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.7	23.7	16.8
Base Number (BN)	mg KOH/g	ASTM D2896		7.8	6.8	
(-)	0 - 0					



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Lab Number **Unique Number**

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 05930596

: PCA0098939 : 10615867

Viscosity @ 100°C

Received : 22 Aug 2023 Diagnosed

: 22 Aug 2023 Diagnostician : Wes Davis

Nov10/22

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

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

12.2

Contact: MIKE BOYER mboyer@millertransgroup.com

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

Base Number