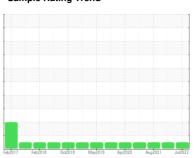


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



FREIGHTLINER 676795

Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (44 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

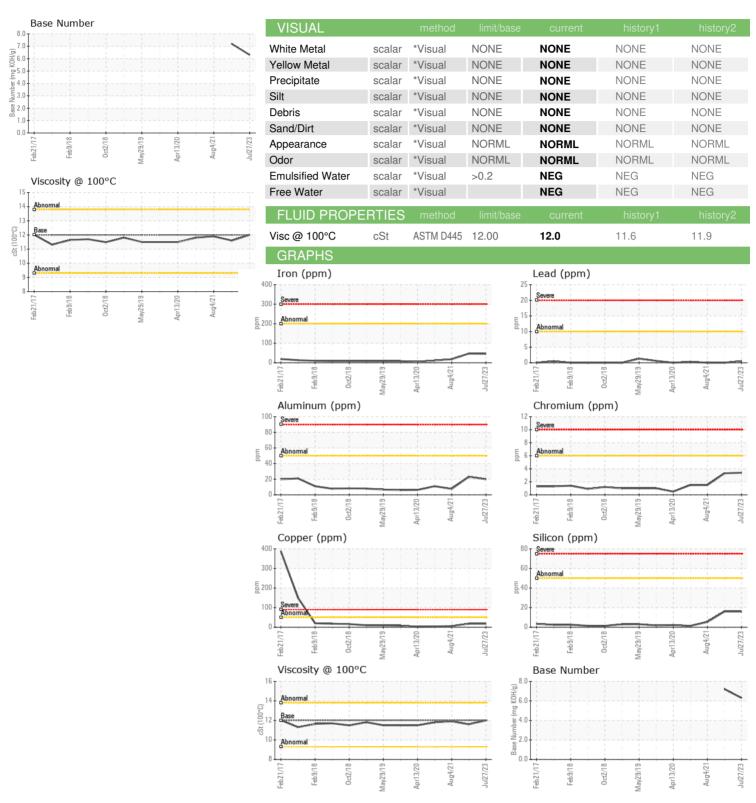
Fluid Condition

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

Feb2017						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0097812	PCA0076077	PCA0047306
Sample Date		Client Info		27 Jul 2023	22 Aug 2022	04 Aug 2021
Machine Age	mls	Client Info		270182	0	0
Oil Age	mls	Client Info		13178	0	24912
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	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	46	47	18
Chromium	ppm	ASTM D5185m	>6	3	3	2
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>2	<1	<1	0
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>50	20	23	8
Lead	ppm	ASTM D5185m	>10	<1	0	0
Copper	ppm	ASTM D5185m	>50	18	18	6
Tin	ppm	ASTM D5185m	>6	4	3	<1
Antimony	ppm	ASTM D5185m				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	8	3	14
Barium	ppm	ASTM D5185m	0	1	0	0
Molybdenum	ppm	ASTM D5185m	50	78	64	60
Manganese	ppm	ASTM D5185m	0	1	<1	<1
Magnesium	ppm	ASTM D5185m	950	965	924	945
Calcium	ppm	ASTM D5185m	1050	1434	1139	1145
Phosphorus	ppm	ASTM D5185m	995	1061	953	1002
Zinc	ppm	ASTM D5185m	1180	1421	1245	1213
Sulfur	ppm	ASTM D5185m	2600	3485	2966	2637
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	16	16	5
Sodium	ppm	ASTM D5185m		6	4	3
Potassium	ppm	ASTM D5185m	>20	8	9	5
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1	1.2	0.6
Nitration	Abs/cm	*ASTM D7624	>20	9.6	11.2	8.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.4	24.0	19.4
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.2	18.9	14.9
Base Number (BN)	mg KOH/g	ASTM D2896		6.3	7.2	
(-)	0 - 0					



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number

Unique Number : 10602977 Test Package : MOB 1 (Additional Tests: TBN)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : PCA0097812 : 05923030 Diagnosed

: 14 Aug 2023 : Wes Davis Diagnostician

: 14 Aug 2023

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

edavis@millertransgroup.com T: (856)214-3521

Contact/Location: ED DAVIS - MILLOG

F: (856)214-3663