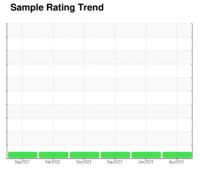


OIL ANALYSIS REPORT



NORMAL



Machine Id
610936
Component

Diesel Engine

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

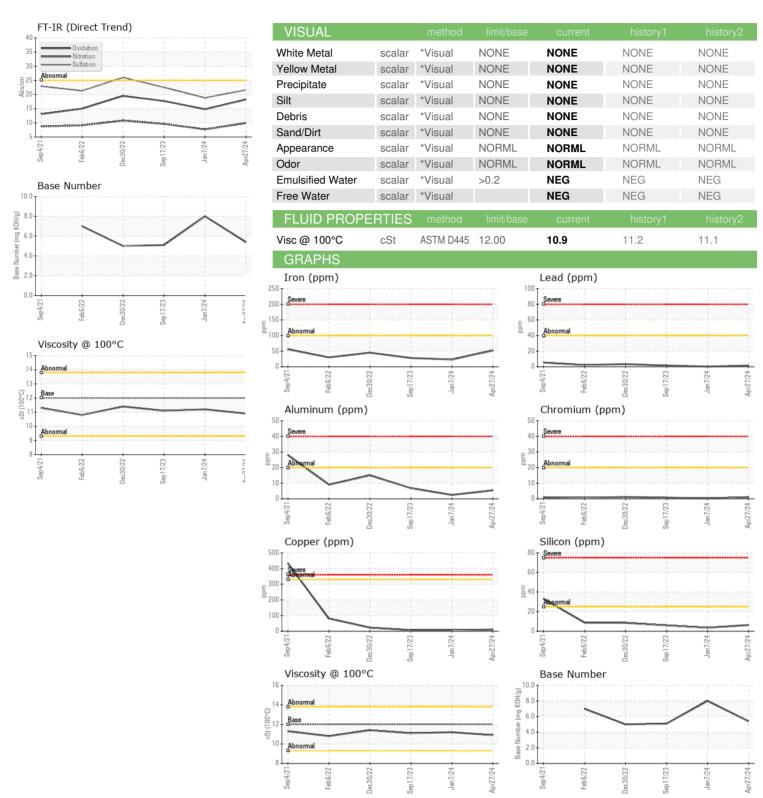
Fluid Condition

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

GAL)		Sep 2021	Feb2022 Dec2022	: Sep2023 Jan2024	Apr2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0119430	PCA0097305	PCA0097397
Sample Date		Client Info		27 Apr 2024	07 Jan 2024	17 Sep 2023
Machine Age	mls	Client Info		137978	123411	110346
Oil Age	mls	Client Info		27632	13065	30298
Oil Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	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 METAL	.S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	52	23	28
Chromium	ppm	ASTM D5185m	>20	1	<1	<1
Nickel	ppm	ASTM D5185m	>4	1	0	<1
Titanium	ppm	ASTM D5185m		4	3	21
Silver	ppm	ASTM D5185m	>3	<1	<1	<1
Aluminum	ppm	ASTM D5185m		5	2	7
Lead	ppm	ASTM D5185m	>40	2	<1	2
Copper	ppm	ASTM D5185m		11	6	7
Tin	ppm	ASTM D5185m	>15	2	<1	2
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	2	3	4
Barium	ppm	ASTM D5185m		0	25	0
Molybdenum	ppm	ASTM D5185m	50	60	60	45 1
Manganese	ppm	ASTM D5185m	950	<1	0 864	752
Magnesium Calcium	ppm	ASTM D5185m ASTM D5185m	1050	921 1173	1048	1164
Phosphorus		ASTM D5185m	995	905	994	881
Zinc	ppm	ASTM D5185m	1180	1256	1166	1138
Sulfur	ppm	ASTM D5185m	2600	3176	3012	2887
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6	4	6
Sodium	ppm	ASTM D5185m	720	<1	0	4
Potassium	ppm	ASTM D5185m	>20	14	9	17
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.5	0.3	0.5
Nitration	Abs/cm	*ASTM D7624	>20	9.9	7.7	9.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.6	18.8	22.5
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.2	14.8	17.7
Base Number (BN)	mg KOH/g	ASTM D2896		5.4	8.0	5.1



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number : 06188671 Unique Number : 11045423

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0119430

Received **Tested** Diagnosed : 24 May 2024 - Wes Davis

: 23 May 2024

: 24 May 2024

Test Package : MOB 1 (Additional Tests: TBN)

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation. **MILLER TRUCK LEASING #123**

66 KELLER AVENUE LANCASTER, PA US 17601

Contact: RON ROBERTS rroberts@millertransgroup.com T: (717)945-6205

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (717)945-5818 Contact/Location: RON ROBERTS - MILLAN