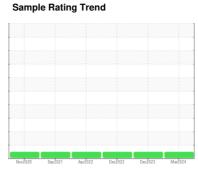


OIL ANALYSIS REPORT

Jui



NORMAL



Machine Id 302145 Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- 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.

J15)		Nov2020	Sepzuzi Aprzuzz	Dec2022 Dec2023	Mar2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0110621	PCA0097351	PCA0071700
Sample Date		Client Info		18 Mar 2024	20 Dec 2023	28 Dec 2022
Machine Age	mls	Client Info		159374	149492	105320
Oil Age	mls	Client Info		21291	11409	32816
Oil Changed		Client Info		Not Changd	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	29	13	46
Chromium	ppm	ASTM D5185m	>20	2	<1	2
Nickel	ppm	ASTM D5185m	>4	<1	0	1
Titanium	ppm	ASTM D5185m		3	3	70
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	12	7	17
Lead	ppm	ASTM D5185m	>40	0	0	<1
Copper	ppm	ASTM D5185m	>330	2	1	4
Tin	ppm	ASTM D5185m	>15	1	1	2
Vanadium	ppm	ASTM D5185m		<1	0	1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	4	4	17
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m	50	82	60	20
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	950	1224	1048	573
Calcium	ppm	ASTM D5185m	1050	1497	1225	1868
Phosphorus	ppm	ASTM D5185m	995	1335	1181	1002
Zinc	ppm	ASTM D5185m	1180	1592	1318	1232
Sulfur	ppm	ASTM D5185m	2600	4317	3747	4026
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6	4	7
Sodium	ppm	ASTM D5185m		4	1	5
Potassium	ppm	ASTM D5185m	>20	7	2	10
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.7	0.4	1.1
Nitration	Abs/cm	*ASTM D7624	>20	11.1	8.5	13.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.3	19.3	28.4
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.0	16.1	23.4
Base Number (BN)	mg KOH/g	ASTM D2896		7.2	8.7	6.5



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06138296 Unique Number : 10963104

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0110621

Received

: 04 Apr 2024 **Tested** : 04 Apr 2024 Diagnosed : 06 Apr 2024 - Don Baldridge

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