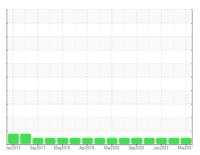


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

FREIGHTLINER 679544

Diesel Engine

PETRO CANADA DURON SHP 10W30 (38 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

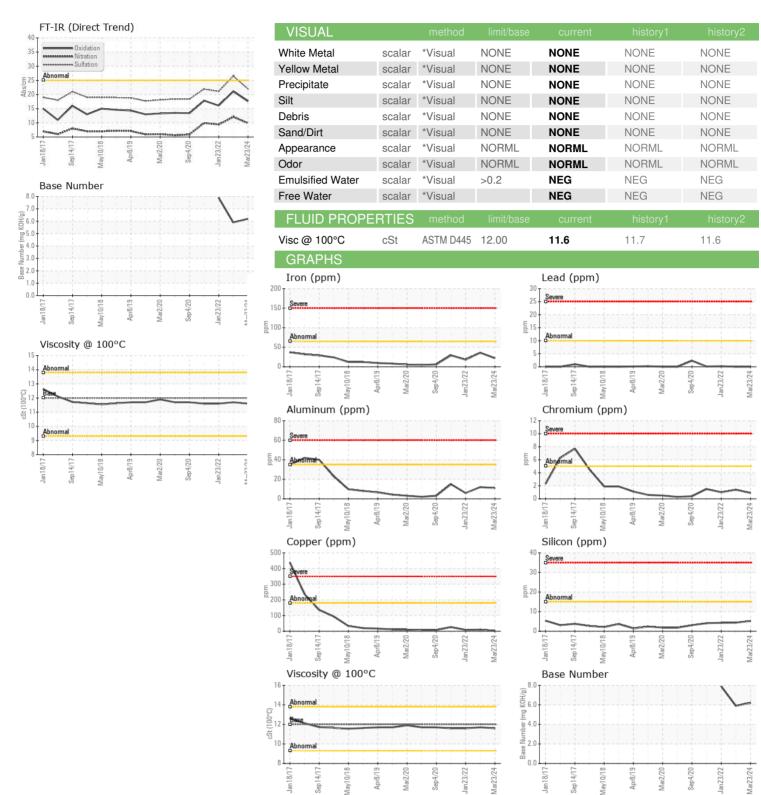
Fluid Condition

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

QTS) Janž017 Sapž017 Mapž018 Aprž019 Maž020 Sapž020 Janž022 Maž024						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0110673	PCA0071767	PCA0053411
Sample Date		Client Info		23 Mar 2024	08 Aug 2022	23 Jan 2022
Machine Age	mls	Client Info		300989	239521	214429
Oil Age	mls	Client Info		28730	35912	10820
Oil Changed		Client Info		Changed	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<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	>65	22	36	18
Chromium	ppm	ASTM D5185m	>5	<1	1	1
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>5	11	2	<1
Silver	ppm	ASTM D5185m	>2	0	0	<1
Aluminum	ppm	ASTM D5185m	>35	11	12	6
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>180	3	10	9
Tin	ppm	ASTM D5185m	>8	<1	1	1
Antimony	ppm	ASTM D5185m	>35			<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	3	10	15
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	50	55	56	57
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	950	940	872	937
Calcium	ppm	ASTM D5185m	1050	1259	1096	1135
Phosphorus	ppm	ASTM D5185m	995	1093	857	942
Zinc	ppm	ASTM D5185m	1180	1288	1104	1066
Sulfur	ppm	ASTM D5185m	2600	3498	2346	2156
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	5	4	4
Sodium	ppm	ASTM D5185m		3	3	0
Potassium	ppm	ASTM D5185m	>20	3	2	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	8.0	1.3	0.6
Nitration	Abs/cm	*ASTM D7624	>20	9.9	12.1	9.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.0	26.5	21.1
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.6	21.1	16.1
Base Number (BN)	mg KOH/g	ASTM D2896		6.2	5.9	7.9



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No. Lab Number : 06140809 Unique Number : 10965617

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0110673

Received **Tested**

: 08 Apr 2024 : 08 Apr 2024

Diagnosed : 08 Apr 2024 - Wes Davis

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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

MILLER TRUCK LEASING #123

66 KELLER AVENUE LANCASTER, PA US 17601

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

F: (717)945-5818 Contact/Location: RON ROBERTS - MILLAN