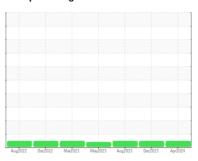


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
631553
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

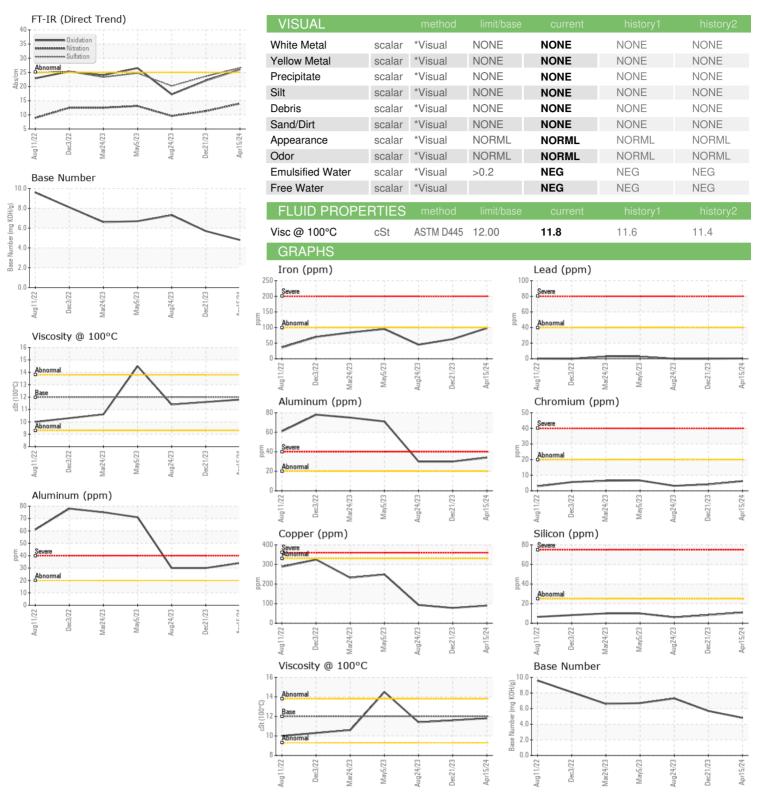
Fluid Condition

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

QTS)		Aug2022	Dec2022 Mar2023	May2023 Aug2023 Dec2023	Apr2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0123919	PCA0115177	PCA0019366
Sample Date		Client Info		15 Apr 2024	21 Dec 2023	24 Aug 2023
Machine Age	mls	Client Info		121178	102040	83003
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATI	ON	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 METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	98	63	45
Chromium	ppm	ASTM D5185m	>20	6	4	3
Nickel	ppm	ASTM D5185m	>4	2	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	<1	0	<1
Aluminum	ppm	ASTM D5185m		34	30	30
Lead	ppm	ASTM D5185m	>40	<1	0	0
Copper	ppm	ASTM D5185m		90	78	93
Tin	ppm	ASTM D5185m	>15	5	4	4
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		6	9	11
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m	50	69	65	62
Manganese	ppm	ASTM D5185m		4	3	2
Magnesium	ppm	ASTM D5185m	950	852	878	889
Calcium	ppm	ASTM D5185m		1291	1288	1298
Phosphorus	ppm	ASTM D5185m	995	865	1001	967
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m	1180 2600	1197	1207 2018	1252 2819
	ppm			2127		
CONTAMINAN		method	limit/base		history1	history2
Silicon	ppm	ASTM D5185m	>25	11	8	6
Sodium	ppm	ASTM D5185m	00	<1	2	2
Potassium	ppm	ASTM D5185m	>20	80	66	63
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1.7	1.3	0.8
Nitration	Abs/cm	*ASTM D7624		14.0	11.3	9.6
Sulfation	Abs/.1mm	*ASTM D7415		26.6	23.6	20.2
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	26.0	22.1	17.2
Base Number (BN)	mg KOH/g	ASTM D2896		4.8	5.7	7.3



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0123919 Lab Number : 06157245

Unique Number: 10992668

Tested Diagnosed

Received

: 23 Apr 2024

: 24 Apr 2024

: 25 Apr 2024 - Jonathan Hester

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 #119**

39 INDUSTRIAL AVE HASBROUCK HEIGHTS, NJ US 07604

Contact: MIKE LONGETTE mlongette@millertransgroup.com

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (201)528-7053

T: