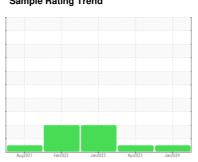


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



721563 Component

Diesel Engine

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

DIAGNOSIS

Recommendation

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

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

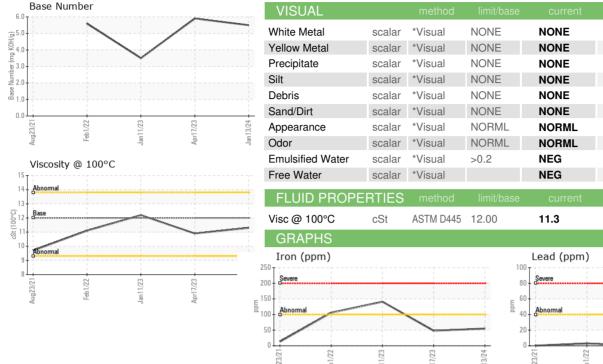
Fluid Condition

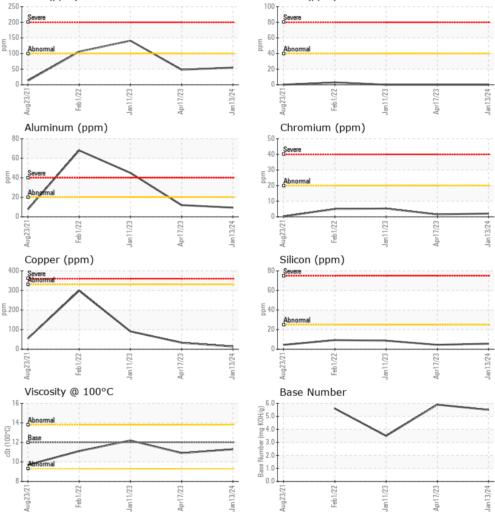
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

QTS)		Aug2021	Feb2022	Jan 2023 Apr 2023	Jan 2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0115220	PCA0095915	PCA0088149
Sample Date		Client Info		13 Jan 2024	17 Apr 2023	11 Jan 2023
Machine Age	mls	Client Info		265154	180997	152263
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL
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	55	48	<u> </u>
Chromium	ppm	ASTM D5185m	>20	2	2	5
Nickel	ppm	ASTM D5185m	>4	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	<1
Aluminum	ppm	ASTM D5185m	>20	9	12	45
Lead	ppm	ASTM D5185m	>40	0	0	0
Copper	ppm	ASTM D5185m	>330	14	33	91
Tin	ppm	ASTM D5185m	>15	<1	<1	4
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	2	5	3
Barium	ppm	ASTM D5185m	0	0	1	2
Molybdenum	ppm	ASTM D5185m	50	59	64	67
Manganese	ppm	ASTM D5185m	0	<1	1	2
Magnesium	ppm	ASTM D5185m	950	947	906	933
Calcium	ppm	ASTM D5185m	1050	1060	1120	1325
Phosphorus	ppm	ASTM D5185m	995	1024	948	991
Zinc	ppm	ASTM D5185m	1180	1194	1213	1264
Sulfur	ppm	ASTM D5185m	2600	2364	2474	2246
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6	4	9
Sodium	ppm	ASTM D5185m		2	2	0
Potassium	ppm	ASTM D5185m	>20	14	21	102
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1.9	1.2	2.9
Nitration	Abs/cm	*ASTM D7624	>20	12.3	10.0	19.5
Sulfation	Abs/.1mm	*ASTM D7415	>30	24.8	20.9	32.1
FLUID DEGRAI	OATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	22.9	19.4	35.1
Base Number (BN)	mg KOH/g	ASTM D2896		5.5	5.9	△ 3.5
. ,						



OIL ANALYSIS REPORT









Report Id: MILRUT [WUSCAR] 06066556 (Generated: 01/22/2024 17:34:21) Rev: 1

Laboratory Sample No.

Lab Number **Unique Number**

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0115220 : 06066556

: 10843233

Recieved : 22 Jan 2024 Diagnosed

: 22 Jan 2024 Diagnostician : Wes Davis

Test Package : MOB 1 (Additional Tests: TBN)

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. **MILLER TRUCK LEASING #119**

39 INDUSTRIAL AVE HASBROUCK HEIGHTS, NJ US 07604

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

12.2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

10.9

Contact: MIKE LONGETTE mlongette@millertransgroup.com

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

Contact/Location: MIKE LONGETTE - MILRUT