

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id **624185** Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- 0

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

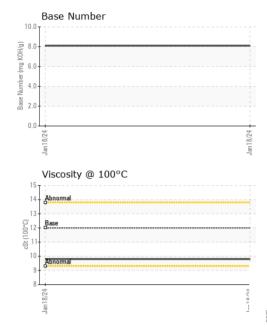
Fluid Condition

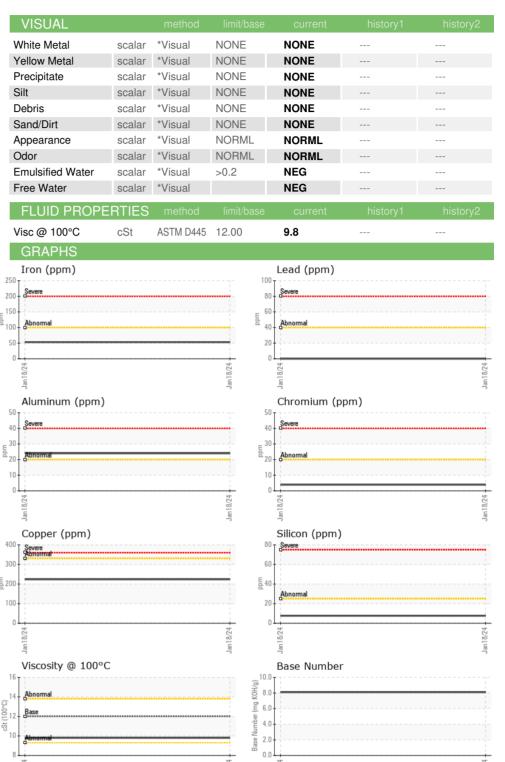
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

QTS)				Jan 2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0116991		
Sample Date		Client Info		18 Jan 2024		
Machine Age	mls	Client Info		24523		
	mls	Client Info		0		
Oil Age	11115	Client Info		Not Changd		
Oil Changed Sample Status		Ciletit IIIIO		NORMAL		
· ·						
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method		<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	.S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	53		
Chromium	ppm	ASTM D5185m	>20	4		
Nickel	ppm	ASTM D5185m	>4	2		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	<1		
Aluminum	ppm	ASTM D5185m	>20	24		
_ead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	224		
Tin	ppm	ASTM D5185m	>15	12		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	38		
Barium	ppm	ASTM D5185m	0	3		
Molybdenum	ppm	ASTM D5185m	50	45		
Manganese	ppm	ASTM D5185m	0	3		
Magnesium	ppm	ASTM D5185m	950	538		
Calcium	ppm	ASTM D5185m	1050	1721		
Phosphorus	ppm	ASTM D5185m	995	811		
Zinc	ppm	ASTM D5185m	1180	954		
Sulfur	ppm	ASTM D5185m	2600	2285		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	8		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	89		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.7		
Nitration	Abs/cm	*ASTM D7624	>20	9.4		
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.4		
FLUID DEGRA	DAT <u>ION</u>	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	23.2		
			>20			
Base Number (BN)	mg KOH/g	ASTM D2896		8.1		



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Certificate L2367

Laboratory Sample No.

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

: PCA0116991 : 06078929

Unique Number : 10861020

Test Package : MOB 1 (Additional Tests: TBN)

Received

Diagnosed

Tested

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

: 02 Feb 2024

: 05 Feb 2024

: 06 Feb 2024 - Jonathan Hester

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**

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Report Id: MILRUT [WUSCAR] 06078929 (Generated: 02/08/2024 08:32:46) Rev: 1

Contact/Location: MIKE LONGETTE - MILRUT