

OIL ANALYSIS REPORT

RT

Sample Rating Trend

NORMAL



Machine Id **612497**

Component
Diesel Engine

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

DIAGNOSIS

Recommendation

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

Wear

Metal levels are typical for a components first oil change.

Contamination

There is no indication of any contamination in the

Fluid Condition

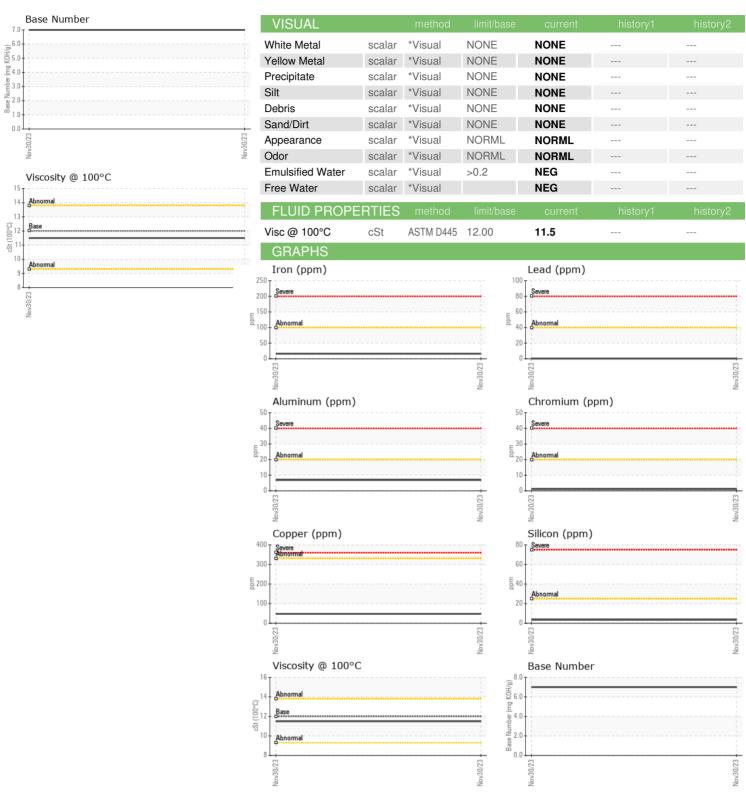
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history2 sample Number Client Info Sample Date Client Info 55478							
Cample Number Client Info PCA0112233	AL)				Nov2023		
Cample Date Client Info 30 Nov 2023	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Machine Age mls	Sample Number		Client Info		PCA0112233		
Dit Age	Sample Date		Client Info		30 Nov 2023		
Client Info Changed Client Info NORMAL CONTAMINATION Method Imit/base current history1 history2 Mater WC Method >0.2 NEG Contamination Neg Con	Machine Age	mls	Client Info		55478		
CONTAMINATION method minit/base current history1 history2 water WC Method >5 <1.0 water WC Method >0.2 NEG water WC Method NEG water WE Method NEG water www. MEAR METALS method minit/base current history1 history2 www. MEAR METALS method minit/base current history1 history2 water wat	Dil Age	mls	Client Info		55478		
CONTAMINATION method limit/base current history1 history2	Oil Changed		Client Info		Changed		
Victor V	Sample Status				NORMAL		
Wester Wc Method So.2 NEG Silycol Wc Method NEG Wc Method NEG Wc Method Wc Method Neg Silycol Wc Method Neg Silycol Wc Method Silycol Wc Method Silycol Wc Method Silycol	CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
WEAR METALS	uel		WC Method	>5	<1.0		
WEAR METALS method limit/base current history1 history2 fron ppm ASTM D5185m >100 16 Chromium ppm ASTM D5185m >20 1 Alickel ppm ASTM D5185m >4 1 Silver ppm ASTM D5185m 3 <1	Vater		WC Method	>0.2	NEG		
Concord	Glycol		WC Method		NEG		
ASTM D5185m	WEAR METAL	_S	method	limit/base	current	history1	history2
Side Pom ASTM D5185m Pom ASTM D5185m Pom ASTM D5185m Pom ASTM D5185m Pom Pom ASTM D5185m Pom	on	ppm	ASTM D5185m	>100	16		
ASTM D5185m ASTM D5185m Astm.	Chromium	ppm	ASTM D5185m	>20	1		
Silver	Nickel	ppm	ASTM D5185m	>4	1		
ASTM D5185m >20 7	itanium	ppm	ASTM D5185m		4		
Accepted	Silver	ppm	ASTM D5185m	>3	<1		
Description	Muminum	ppm	ASTM D5185m	>20	7		
Description	_ead	ppm	ASTM D5185m	>40	<1		
Acade Acad	Copper		ASTM D5185m	>330	48		
Acade Acad			ASTM D5185m	>15	3		
ADDITIVES	/anadium		ASTM D5185m		0		
Soron ppm ASTM D5185m 2 3	Cadmium		ASTM D5185m		<1		
Sarium	ADDITIVES		method	limit/base	current	history1	history2
Starium	Boron	ppm	ASTM D5185m	2	3		
Molybdenum ppm ASTM D5185m 50 56 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 950 867 Calcium ppm ASTM D5185m 1050 1154 Phosphorus ppm ASTM D5185m 180 1188 Zinc ppm ASTM D5185m 2600 2964 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 225 4 Godium ppm ASTM D5185m >20 13 Potassium ppm ASTM D5185m >20 13 Potassium ppm ASTM D5185m >20 13 Soot % *ASTM D7844 >3	Barium		ASTM D5185m	0	12		
Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 950 867 Calcium ppm ASTM D5185m 1050 1154 Phosphorus ppm ASTM D5185m 995 930 Zinc ppm ASTM D5185m 2600 2964 Sulfur ppm ASTM D5185m 2600 2964 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Goldium ppm ASTM D5185m >20 13 Potassium ppm ASTM D5185m >20 13 Potassium ppm ASTM D5185m >20 13 Potassium ppm ASTM D5185m<	Molybdenum		ASTM D5185m	50	56		
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Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 13 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 Vitration Abs/cm *ASTM D7624 >20 8.2 Sulfation Abs/.1mm *ASTM D7415 >30 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.3	Silicon	ppm	ASTM D5185m	>25	4		
Potassium ppm ASTM D5185m >20 13 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 Sitration Abs/cm *ASTM D7624 >20 8.2 Sulfation Abs/.1mm *ASTM D7415 >30 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.3					0		
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Nitration Abs/cm *ASTM D7624 >20 8.2 Sulfation Abs/.1mm *ASTM D7415 >30 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.3	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.3	Soot %	%	*ASTM D7844	>3	0.3		
Sulfation Abs/.1mm *ASTM D7415 >30 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.3	Vitration	Abs/cm	*ASTM D7624	>20	8.2		
Dxidation							
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	16.3		
	Base Number (BN)	mg KOH/g	ASTM D2896	0	7.0		

Contact/Location: ROSTY VITER - MILPHINE



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

Unique Number

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

: PCA0112233 : 06035823 : 10791052

: 15 Dec 2023 Recieved : 16 Dec 2023 Diagnosed 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 #118

2196 BENNETT ROAD PHILADELPHIA, PA US 19116

Contact: ROSTY VITER rviter@millertransgroup.com

T: (215)552-9832 F: (215)552-9892

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

Contact/Location: ROSTY VITER - MILPHINE