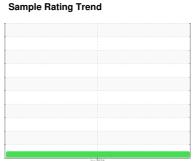


OIL ANALYSIS REPORT

ЭТ



NORMAL



Machine Id 1924317

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

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

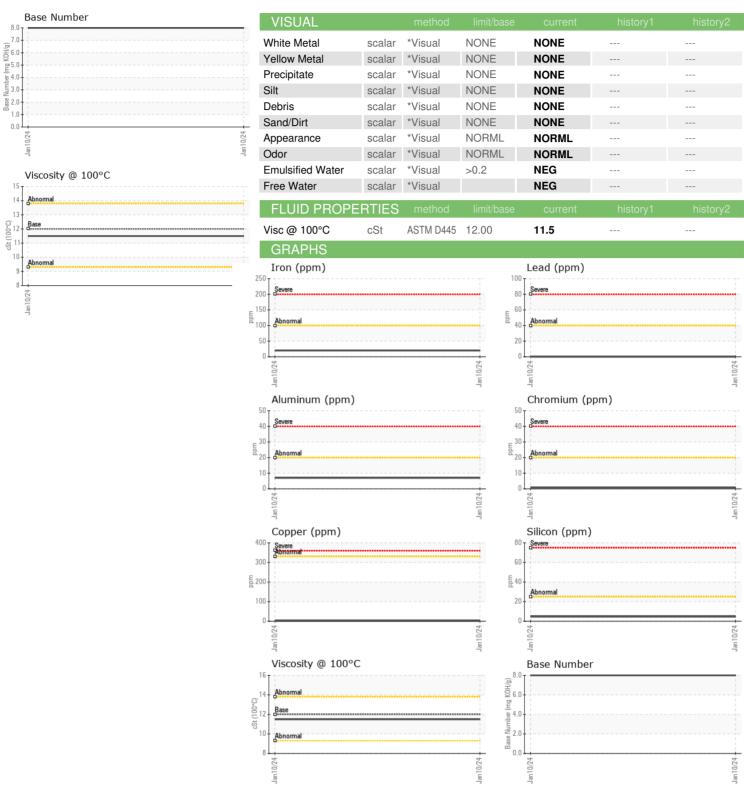
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history2 history2 Sample Number Client Info 10 Jan 2024 Machine Age mls Client Info 135180							<u>'</u>
Cample Number Client Info PCA0111391	AL)				Jan 2024		
Client Info	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age mls	Sample Number		Client Info		PCA0111391		
Dil Changed	Sample Date		Client Info		10 Jan 2024		
Client Info NoRMAL Changed NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status NoRMAL Contample Status N	Machine Age	mls	Client Info		135180		
CONTAMINATION method mill/base current history1 history2	Oil Age	mls	Client Info		0		
CONTAMINATION	Oil Changed		Client Info		Changed		
Victor V	Sample Status				NORMAL		
WEAR METALS	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS	uel		WC Method	>5	<1.0		
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >100 20 chromium ppm ASTM D5185m >20 <1	Vater		WC Method	>0.2	NEG		
Chromium	Glycol		WC Method		NEG		
ASTM D5185m	WEAR METAL	_S	method	limit/base	current	history1	history2
Silver	ron	ppm	ASTM D5185m	>100	20		
Silver	Chromium	ppm	ASTM D5185m	>20	<1		
Silver	lickel	ppm	ASTM D5185m	>4	0		
ASTM D5185m >20 7	- itanium	ppm	ASTM D5185m		<1		
December December	Silver	ppm	ASTM D5185m	>3	0		
Copper	Aluminum	ppm	ASTM D5185m	>20	7		
Academium	_ead	ppm	ASTM D5185m	>40	0		
Acade Acad	Copper	ppm	ASTM D5185m	>330	2		
ADDITIVES		ppm	ASTM D5185m	>15	0		
ADDITIVES	/anadium	ppm	ASTM D5185m		<1		
Soron ppm ASTM D5185m 2 15	Cadmium		ASTM D5185m		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Starium	Boron	ppm	ASTM D5185m	2	15		
Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 859 Calcium ppm ASTM D5185m 1050 1142 Phosphorus ppm ASTM D5185m 995 963 Zinc ppm ASTM D5185m 1800 1202 Sulfur ppm ASTM D5185m 2600 3072 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 5 Sodium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 4 Soot % "ASTM D5185m >20 4 Soot % "ASTM D7844 >3 0.8	Barium		ASTM D5185m	0	0		
Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 859 Calcium ppm ASTM D5185m 1050 1142 Phosphorus ppm ASTM D5185m 995 963 Zinc ppm ASTM D5185m 180 1202 Sulfur ppm ASTM D5185m 2600 3072 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 5 Goldium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m	Molybdenum		ASTM D5185m	50	59		
Magnesium ppm ASTM D5185m 950 859 Calcium ppm ASTM D5185m 1050 1142 Phosphorus ppm ASTM D5185m 995 963 Zinc ppm ASTM D5185m 1180 1202 Sulfur ppm ASTM D5185m 2600 3072 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 5 Sodium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 10.7 Sulfation Abs/.1mm *ASTM D7414 <td>-</td> <td></td> <td>ASTM D5185m</td> <td>0</td> <td>0</td> <td></td> <td></td>	-		ASTM D5185m	0	0		
Calcium ppm ASTM D5185m 1 050 1142 Phosphorus ppm ASTM D5185m 995 963 Pinc ppm ASTM D5185m 1180 1202 Sulfur ppm ASTM D5185m 2600 3072 CONTAMINANTS method limit/base current history1 history2 Solicon ppm ASTM D5185m >25 5 Solium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION *ASTM D7414 <td< td=""><td>•</td><td></td><td>ASTM D5185m</td><td>950</td><td>859</td><td></td><td></td></td<>	•		ASTM D5185m	950	859		
Phosphorus ppm ASTM D5185m 995 963 Sulfur ppm ASTM D5185m 1180 1202 Sulfur ppm ASTM D5185m 2600 3072 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 5 Sodium ppm ASTM D5185m 1 Potassium ppm ASTM D5185m >20 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM	-		ASTM D5185m	1050	1142		
Contamination Contaminatio Contamination Contamination Contamination Contamination	Phosphorus		ASTM D5185m	995	963		
Sulfur ppm ASTM D5185m 2600 3072 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 5 Sodium ppm ASTM D5185m 1 Potassium ppm ASTM D5185m >20 4 INFRA-RED method limit/base current history1 history2 Goot % % *ASTM D7844 >3 0.8 Sulfration Abs/.mm *ASTM D7624 >20 10.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.0			ASTM D5185m	1180	1202		
Solicon ppm ASTM D5185m >25 5	Sulfur		ASTM D5185m	2600	3072		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Sodium ppm ASTM D5185m 1 Potassium ppm ASTM D5185m >20 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Vitration Abs/cm *ASTM D7624 >20 10.7 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.0	Silicon	ppm	ASTM D5185m	>25	5		
Potassium ppm ASTM D5185m >20 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Sitration Abs/cm *ASTM D7624 >20 10.7 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.0	Sodium		ASTM D5185m		1		
Goot % % *ASTM D7844 >3 0.8 Nitration Abs/cm *ASTM D7624 >20 10.7 Gulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.0	Potassium			>20			
Nitration Abs/cm *ASTM D7624 >20 10.7 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 17.0	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 20.0 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 17.0	Soot %	%	*ASTM D7844	>3	0.8		
FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 17.0	Nitration	Abs/cm	*ASTM D7624	>20	10.7		
Oxidation Abs/.1mm *ASTM D7414 >25 17.0	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.0		
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	17.0		
	Base Number (BN)	mg KOH/g	ASTM D2896		8.0		

Contact/Location: BILL CUCCIA - MILJER



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

Unique Number

: 06073497 : 10850174

: PCA0111391

Recieved : 30 Jan 2024 Diagnosed

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

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

MILLER TRUCK LEASING #129

3 LINDEN AVE E JERSEY CITY, NJ US 07305

Contact: BILL CUCCIA wcuccia@millertransgroup.com

T: F:

Report Id: MILJER [WUSCAR] 06073497 (Generated: 01/30/2024 13:35:35) Rev: 1

Contact/Location: BILL CUCCIA - MILJER