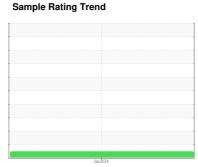


OIL ANALYSIS REPORT



NORMAL



Machine Id 192288

Component **Diesel Engine**

PETRO CANADA DURON SHP 10W30 (--- 0

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

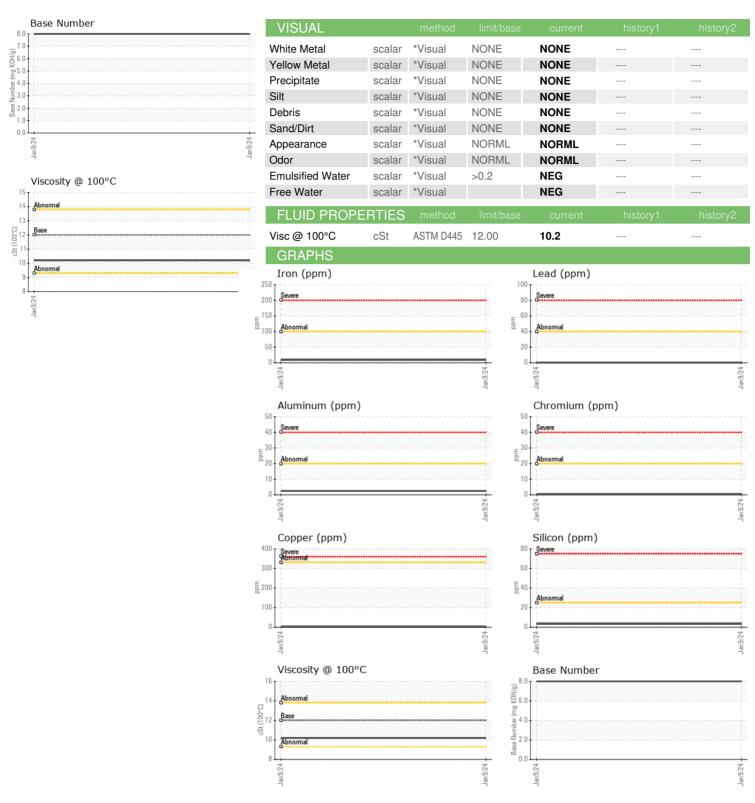
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history2 sample Number Client Info O9 Jan 2024 Machine Age mls Client Info O9 Jan 2024 Machine Age mls Client Info O							
Cample Number Client Info PCA0111400 Cample Date Client Info Os Jan 2024	AL)				Jan 2024		
Cample Date Client Info O9 Jan 2024	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age mls	Sample Number		Client Info		PCA0111400		
Dit Changed	Sample Date		Client Info		09 Jan 2024		
Client Info Changed Client Info NORMAL CONTAMINATION Method Imilibase current history1 history2 Contamination Contamin	Machine Age	mls	Client Info		244029		
CONTAMINATION	Oil Age	mls	Client Info		0		
CONTAMINATION method limit/base current history1 history2	Oil Changed		Client Info		Changed		
Fuel	Sample Status				NORMAL		
Water WC Method So.2 NEG Silycol WC Method NEG WC	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 9 Chromium ppm ASTM D5185m >20 <1	Nater		WC Method	>0.2	NEG		
Chromium	Glycol		WC Method		NEG		
ASTM D5185m >20	WEAR METAL	.S	method	limit/base	current	history1	history2
Silver	ron	ppm	ASTM D5185m	>100	9		
Silver	Chromium	ppm	ASTM D5185m	>20	<1		
Silver	Nickel	ppm	ASTM D5185m	>4	0		
Astronometric Astronometri	- itanium	ppm	ASTM D5185m		<1		
Accepted	Silver	ppm	ASTM D5185m	>3	0		
Copper	Aluminum	ppm	ASTM D5185m	>20	2		
Astanto Asta	_ead	ppm	ASTM D5185m	>40	<1		
Acade Acad	Copper	ppm	ASTM D5185m	>330	1		
ADDITIVES		ppm	ASTM D5185m	>15	<1		
ADDITIVES	/anadium	ppm	ASTM D5185m		0		
Soron ppm ASTM D5185m 2	Cadmium		ASTM D5185m		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 50 57 Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 830 Calcium ppm ASTM D5185m 1050 1035 Phosphorus ppm ASTM D5185m 995 899 Zinc ppm ASTM D5185m 1180 1121 Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 Potassium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m 0 Soot % *ASTM D7844 >3 0.3	Boron	ppm	ASTM D5185m	2	1		
Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 830 Calcium ppm ASTM D5185m 1050 1035 Phosphorus ppm ASTM D5185m 995 899 Zinc ppm ASTM D5185m 1180 1121 Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 Godium ppm ASTM D5185m >0 Potassium ppm ASTM D5185m >0 Potassium ppm ASTM D5185m >0 Soot % *ASTM D7844 >3	Barium	ppm	ASTM D5185m	0	0		
Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 830 Calcium ppm ASTM D5185m 1050 1035 Phosphorus ppm ASTM D5185m 995 899 Zinc ppm ASTM D5185m 2600 2979 Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 Goldium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5185m	Molybdenum	ppm	ASTM D5185m	50	57		
Magnesium ppm ASTM D5185m 950 830 Calcium ppm ASTM D5185m 1050 1035 Phosphorus ppm ASTM D5185m 995 899 Zinc ppm ASTM D5185m 2600 2979 Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 Potassium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5444 </td <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 1050 1035 Phosphorus ppm ASTM D5185m 995 899 Zinc ppm ASTM D5185m 1180 1121 Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 Sodium ppm ASTM D5185m >0 Potassium ppm ASTM D5185m >20 5 INFRA-RED method limit/base current history1 history2 Soot % "ASTM D7844 >3 0.3 Sulfation Abs/:nm "ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2	/lagnesium		ASTM D5185m	950	830		
Phosphorus ppm ASTM D5185m 995 899 Zinc ppm ASTM D5185m 1180 1121 Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Solicon ppm ASTM D5185m >25 3 Solicon ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 5 INFRA-RED method limit/base current history1 history2 Soot % "ASTM D7844 >3 0.3 Sulfation Abs/:nm "ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/:nm "ASTM D7414 >25 <td< td=""><td>-</td><td></td><td>ASTM D5185m</td><td>1050</td><td></td><td></td><td></td></td<>	-		ASTM D5185m	1050			
Contamination Contaminatio Contamination Contamination Contamination Contamination	Phosphorus		ASTM D5185m	995	899		
Sulfur ppm ASTM D5185m 2600 2979 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 Sodium ppm ASTM D5185m >0 Potassium ppm ASTM D5185m >20 5 INFRA-RED method limit/base current history1 history2 Goot % % *ASTM D7844 >3 0.3 Sulfation Abs/cm *ASTM D7624 >20 8.3 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 16.4			ASTM D5185m	1180	1121		
Solicon ppm ASTM D5185m >25 3	Sulfur		ASTM D5185m	2600	2979		
Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 Vitration Abs/cm *ASTM D7624 >20 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.4	CONTAMINAN	ITS	method	limit/base	current	history1	history2
Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 5 INFRA-RED method limit/base current history1 history2 Soot % *ASTM D7844 >3 0.3 Vitration Abs/cm *ASTM D7624 >20 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.4	Silicon	ppm	ASTM D5185m	>25	3		
Potassium ppm ASTM D5185m >20 5 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.3 Nitration Abs/cm *ASTM D7624 >20 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.4							
Soot %	Potassium			>20			
Nitration Abs/cm *ASTM D7624 >20 8.3 Sulfation Abs/.1mm *ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.4	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 16.4	Soot %	%	*ASTM D7844	>3	0.3		
Sulfation Abs/.1mm *ASTM D7415 >30 18.9 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 16.4	Nitration	Abs/cm	*ASTM D7624	>20	8.3		
Oxidation	Sulfation	Abs/.1mm	*ASTM D7415	>30			
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	16.4		
	Base Number (BN)	mg KOH/g	ASTM D2896	-	8.0		

Contact/Location: BILL CUCCIA - MILJER



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number

Unique Number

: 06073709 : 10850386 Test Package : MOB 1 (Additional Tests: TBN)

: PCA0111400

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 30 Jan 2024 Diagnosed : 31 Jan 2024 Diagnostician : Wes Davis

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: Contact/Location: BILL CUCCIA - MILJER