

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id 192287

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.

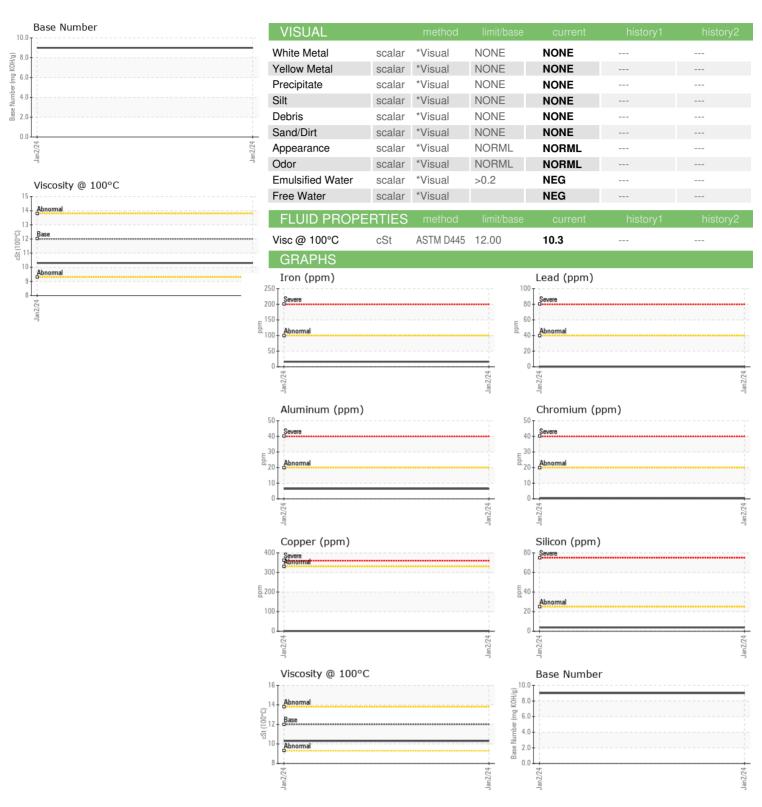
Fluid Condition

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 02 Jan 2024 Machine Age mls Client Info 02 Jan 2024 Machine Age mls Client Info 0 0							
Cample Number Client Info December Client Info O2 Jan 2024 Client Info O3 Jan 2024 Client Info O4 Client Info O5 Client Info O5 Client Info O6 Client Info O7 Client Info O8 Client I	AL)				Jan 2024		
Cample Date Client Info O2 Jan 2024	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age mls	Sample Number		Client Info		PCA0111388		
Dil Changed	Sample Date		Client Info		02 Jan 2024		
Client Info N/A NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL NO	Machine Age	mls	Client Info		144427		
CONTAMINATION method limit/base current history1 history2 value WC Method >5 <1.0	Oil Age	mls	Client Info		0		
CONTAMINATION	Oil Changed		Client Info		N/A		
Value	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 16 chromium ppm ASTM D5185m >20 <1	Vater		WC Method	>0.2	NEG		
Concord	Glycol		WC Method		NEG		
ASTM D5185m	WEAR METAL	.S	method	limit/base	current	history1	history2
Astronometric Astronometri	ron	ppm	ASTM D5185m	>100	16		
Silver ppm	Chromium	ppm	ASTM D5185m	>20	<1		
Silver	Nickel	ppm	ASTM D5185m	>4	0		
Astrophysical Research Astrophysical Resea	- itanium	ppm	ASTM D5185m		<1		
December December	Silver	ppm	ASTM D5185m	>3	0		
April	Aluminum	ppm	ASTM D5185m	>20	6		
Acade Acad	_ead	ppm	ASTM D5185m	>40	0		
Acade Acad	Copper	ppm	ASTM D5185m	>330	<1		
Anadium			ASTM D5185m	>15	0		
ADDITIVES	/anadium		ASTM D5185m		<1		
Soron ppm ASTM D5185m 2 12	Cadmium		ASTM D5185m		0		
Sarium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 50 54 Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 818 Calcium ppm ASTM D5185m 1050 1060 Phosphorus ppm ASTM D5185m 995 816 Zinc ppm ASTM D5185m 1180 1112 Sulfur ppm ASTM D5185m 2600 2847 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Godium ppm ASTM D5185m >20 6 Potassium ppm ASTM D7844 >3 0.4 Soot % *ASTM D7844 >3	Boron	ppm	ASTM D5185m	2	12		
Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 950 818 Calcium ppm ASTM D5185m 1050 1060 Phosphorus ppm ASTM D5185m 995 816 Zinc ppm ASTM D5185m 180 1112 Sulfur ppm ASTM D5185m 2600 2847 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Godium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 Soot % *ASTM D7844 >3	Barium	ppm	ASTM D5185m	0	0		
Manganese ppm ASTM D5185m 0 0 <	Nolybdenum	ppm	ASTM D5185m	50	54		
Magnesium ppm ASTM D5185m 950 818 Calcium ppm ASTM D5185m 1050 1060 Phosphorus ppm ASTM D5185m 995 816 Zinc ppm ASTM D5185m 1180 1112 Sulfur ppm ASTM D5185m 2600 2847 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Sodium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7614 >3 0.4 Sulfation Abs/:mm *ASTM D7415	-		ASTM D5185m	0	0		
Calcium ppm ASTM D5185m 1050 1060 Phosphorus ppm ASTM D5185m 995 816 Pinc ppm ASTM D5185m 1180 1112 Sulfur ppm ASTM D5185m 2600 2847 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Sodium ppm ASTM D5185m 1 Potassium ppm ASTM D5185m >20 6 INFRA-RED method limit/base current history1 history2 Soot % "ASTM D7844 >3 0.4 Sulfation Abs/:nm "ASTM D7415 >30 18.8 FLUID DEGRADATION method limit/base current	•		ASTM D5185m	950	818		
Phosphorus ppm ASTM D5185m 995 816 Zinc ppm ASTM D5185m 1180 1112 Sulfur ppm ASTM D5185m 2600 2847 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Sodium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 Sulfation Abs/.1mm *ASTM D7415 >30 18.8 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7	_		ASTM D5185m	1050	1060		
CONTAMINANTS method limit/base current history1 history2	Phosphorus		ASTM D5185m	995	816		
Sulfur ppm ASTM D5185m 2600 2847 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 4 Sodium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 INFRA-RED method limit/base current history1 history2 Goot % % *ASTM D7844 >3 0.4 Sulfration Abs/cm *ASTM D7624 >20 8.8 FLUID DEGRADATION method limit/base current history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.7			ASTM D5185m	1180	1112		
Solicon ppm ASTM D5185m >25 4	Sulfur		ASTM D5185m	2600	2847		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Sodium ppm ASTM D5185m 1 Potassium ppm ASTM D5185m >20 6 INFRA-RED method limit/base current history1 history2 Soot % "ASTM D7844 >3 0.4 Slitration Abs/cm "ASTM D7624 >20 8.8 Sulfation Abs/.1mm "ASTM D7415 >30 18.8 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm "ASTM D7414 >25 16.7	Silicon	ppm	ASTM D5185m	>25	4		
Potassium ppm ASTM D5185m >20 6 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 Vitration Abs/cm *ASTM D7624 >20 8.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.8 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.7					1		
Soot %	Potassium			>20			
Nitration	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 18.8 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 16.7	Soot %	%	*ASTM D7844	>3	0.4		
Sulfation Abs/.1mm *ASTM D7415 >30 18.8 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 16.7	Nitration	Abs/cm	*ASTM D7624	>20	8.8		
Oxidation Abs/.1mm *ASTM D7414 >25 16.7	Sulfation	Abs/.1mm	*ASTM D7415	>30			
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	16.7		
	Base Number (BN)	mg KOH/g	ASTM D2896		9.0		



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

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

: 10850206 Test Package : MOB 1 (Additional Tests: TBN)

: 06073529

Recieved : 30 Jan 2024 : PCA0111388 : 30 Jan 2024 Diagnosed

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