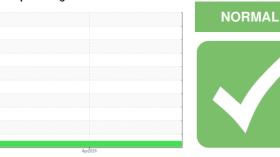


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
BM-334

Component
Diesel Engine

PETRO CANADA DURON SHP 10W30 (10 GAL

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

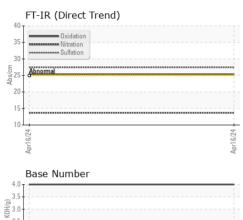
Fluid Condition

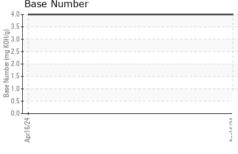
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

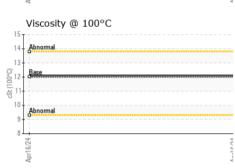
SAMPLE INFORMATION							
Contact Cont	AL)						
Contact Cont	SAMPLE INFOR	MATION	method	limit/hase	current	history1	history2
Compage		WIXTION		mmbasc			
Machine Age mls Client Info 96120	•						
Dil Age	•	mla			-		
Client Info Changed Client Info NORMAL CONTAMINATION Method Imit/base current history1 history2							
CONTAMINATION method limit/base current history1 history2	-	MIS					
CONTAMINATION			Client Info				
Vicinity Vicinity	·				NORMAL		
Water WC Method >0.2 NEG	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS	Fuel		WC Method	>5	<1.0		
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >100 60	Nater		WC Method	>0.2	NEG		
Concord	Glycol		WC Method		NEG		
Schromium Spm ASTM D5185m >20 <1	WEAR METAL	S	method	limit/base	current	history1	history2
Silver	ron	ppm	ASTM D5185m	>100	60		
Description	Chromium	ppm	ASTM D5185m	>20	<1		
Salver	Nickel	ppm	ASTM D5185m	>4	0		
ASTM D5185m >20 18	Fitanium	ppm	ASTM D5185m		0		
December December	Silver	ppm	ASTM D5185m	>3	0		
Description	Aluminum	ppm	ASTM D5185m	>20	18		
Acade	_ead	ppm	ASTM D5185m	>40	0		
Anadium	Copper	ppm	ASTM D5185m	>330	7		
ADDITIVES	- īin	ppm	ASTM D5185m	>15	1		
ADDITIVES	/anadium	ppm	ASTM D5185m		0		
Sarium	Cadmium	ppm	ASTM D5185m		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 50 62 Manganese ppm ASTM D5185m 0 2 Magnesium ppm ASTM D5185m 950 1055 Calcium ppm ASTM D5185m 1050 1281 Phosphorus ppm ASTM D5185m 1180 1377 Zinc ppm ASTM D5185m 2600 3112 CONTAMINANTS method limit/base current history1 history2 Golium ppm ASTM D5185m >25 15 Potassium ppm ASTM D5185m >20 38 Potassium ppm ASTM D5185m >20 38 Potassium ppm ASTM D7844 >3 0.8 Soot % *ASTM D7844 >3 </td <td>Boron</td> <td>ppm</td> <td>ASTM D5185m</td> <td>2</td> <td><1</td> <td></td> <td></td>	Boron	ppm	ASTM D5185m	2	<1		
Manganese ppm ASTM D5185m 0 2 Magnesium ppm ASTM D5185m 950 1055 Calcium ppm ASTM D5185m 1050 1281 Phosphorus ppm ASTM D5185m 995 1131 Zinc ppm ASTM D5185m 2600 3112 Sulfur ppm ASTM D5185m 2600 3112 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 15 Godium ppm ASTM D5185m >20 38 Potassium ppm ASTM D5185m >20 38 INFRA-RED method limit/base current history1 history2 Soot % *ASTM D7844 >3	Barium	ppm	ASTM D5185m	0	0		
Magnesium ppm ASTM D5185m 950 1055 Calcium ppm ASTM D5185m 1050 1281 Phosphorus ppm ASTM D5185m 995 1131 Zinc ppm ASTM D5185m 1180 1377 Sulfur ppm ASTM D5185m 2600 3112 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 15 Potassium ppm ASTM D5185m 20 38 Potassium ppm ASTM D5185m >20 38 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 13.7 Sulfation Abs/.1mm *ASTM D7	Molybdenum	ppm	ASTM D5185m	50	62		
Delication	Manganese	ppm	ASTM D5185m	0	2		
Phosphorus ppm ASTM D5185m 995 1131 Zinc ppm ASTM D5185m 1180 1377 Sulfur ppm ASTM D5185m 2600 3112 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 15 Bodium ppm ASTM D5185m 2 Potassium ppm ASTM D5185m 20 38 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 <t< td=""><td>Magnesium</td><td>ppm</td><td>ASTM D5185m</td><td>950</td><td>1055</td><td></td><td></td></t<>	Magnesium	ppm	ASTM D5185m	950	1055		
Contamination Contaminatio Contamination Contamination Contamination Contamination	Calcium	ppm	ASTM D5185m	1050	1281		
Sulfur ppm ASTM D5185m 2600 3112 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 15 Sodium ppm ASTM D5185m 2 Potassium ppm ASTM D5185m >20 38 INFRA-RED method limit/base current history1 history2 Goot % % *ASTM D7844 >3 0.8 Solfration Abs/cm *ASTM D7624 >20 13.7 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 25.3	Phosphorus	ppm	ASTM D5185m	995	1131		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 15 Sodium ppm ASTM D5185m 2 Potassium ppm ASTM D5185m >20 38 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Vitration Abs/cm *ASTM D7624 >20 13.7 Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 25.3	Zinc	ppm	ASTM D5185m	1180	1377		
Solicon ppm ASTM D5185m >25 15	Sulfur	ppm	ASTM D5185m	2600	3112		
Sodium ppm ASTM D5185m 2 Potassium ppm ASTM D5185m >20 38 INFRA-RED method limit/base current history1 history2 Soot % *ASTM D7844 >3 0.8 Vitration Abs/cm *ASTM D7624 >20 13.7 Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 25.3	CONTAMINAN	ITS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 38 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.8 Nitration Abs/cm *ASTM D7624 >20 13.7 Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 25.3	Silicon	ppm	ASTM D5185m	>25	15		
INFRA-RED	Sodium	ppm	ASTM D5185m		2		
Soot %	Potassium	ppm	ASTM D5185m	>20	38		
Nitration Abs/cm *ASTM D7624 >20 13.7 Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 25.3	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 25.3	Soot %	%	*ASTM D7844	>3	0.8		
Sulfation Abs/.1mm *ASTM D7415 >30 27.4 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 25.3	Nitration	Abs/cm	*ASTM D7624	>20	13.7		
Oxidation			*ASTM D7415				
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	25.3		
	Base Number (BN)	mg KOH/g	ASTM D2896		4.0		

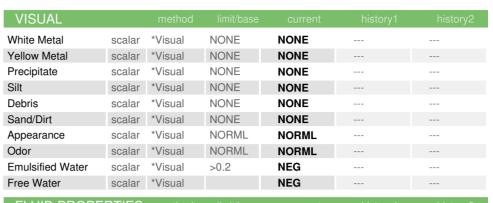


OIL ANALYSIS REPORT



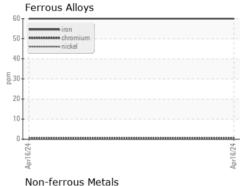




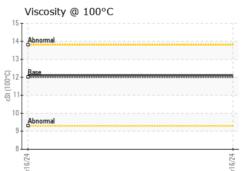


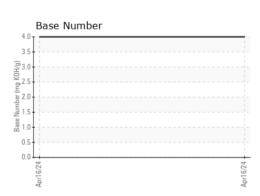
FLUID PROP	ERITES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	12.00	12.1		

GRAPHS



10 T :	· · · · · · · · · · · · · · · · · · ·	
8 1	copper copper lead	
6-		
4		
2-		
0	***************************************	
Apr16/24		Apr16/24
Viso	cosity @ 100°C	









Certificate 12367

Laboratory Sample No.

Test Package : FLEET

: PCA0117786 Lab Number : 06158839 Unique Number : 10994262

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Apr 2024 **Tested**

: 25 Apr 2024 Diagnosed : 25 Apr 2024 - Sean Felton

CHARLOTTE, NC US 28273 Contact: Jody Greer

1015 E. WESTINGHOUSE BLVD.

jgreer@bluemaxtrucking.com T: (980)225-9968

Submitted By: Jody Greer

BLUE MAX TRUCKING

* - 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)

F: (704)588-2901