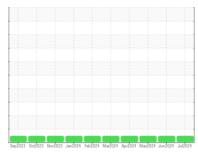


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id

6 Component

Natural Gas Engine

Fluid

PETRO CANADA SENTRON LD 3000 (--- 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

Tests indicate that there is no fuel present in the oil. 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/bass current history1 history2 Sample Number Client Info 08 Jul 2024 03 Jun 2024 02 May 2024 Machine Age hrs Client Info 150139 149306 148552 03 Jun 2024 02 May 2024 03 Jun 2024 03							
Comparison	AL)		Sep2023 Oct2	023 Nov2023 Jan2024 Feb2	024 Mar2024 Apr2024 May2024 Jun2	024 Jul2024	
Sample Date Client Info 08 Jul 2024 03 Jun 2024 02 May 2024 04 Machine Age hrs Client Info 150139 149306 148552 03 Jun 2024 148552 04 Jun 2024 02 May 2024 02 May 2024 02 May 2024 02 May 2024 03 Jun 2024 148552 04 Jun 2024 03 Jun 2024 148552 05 Jun 2024 03 Jun 2024 148552 05 Jun 2024 04 Jun	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Date Client Info 08 Jul 2024 03 Jun 2024 02 May 2024 04 Machine Age hrs Client Info 150139 149306 148552 03 Jun 2024 148552 04 Jun 2024 02 May 2024 02 May 2024 02 May 2024 02 May 2024 03 Jun 2024 148552 04 Jun 2024 03 Jun 2024 148552 05 Jun 2024 03 Jun 2024 148552 05 Jun 2024 04 Jun	Sample Number		Client Info		PCA0117243	PCA0117269	PCA0112041
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Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >50 4 6 5 Chromium ppm ASTM D5185m >20 0 <1 Vickel ppm ASTM D5185m >2 0 0 <1 Siliver ppm ASTM D5185m >3 0 0 0 <1 Aluminum ppm ASTM D5185m >30 0 3 1 2 <1 Aluminum ppm ASTM D5185m >30 0 3 1 1 Lead ppm ASTM D5185m >4 0 1 1 1 Janadium ppm ASTM D5185m 0 0 0 <1 1 Janadium ppm ASTM D5185m 0 0 0 0 <1 ADD1T VES method<	·	ION	method	limit/base			
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Chromium	WEAR METAL	S	method	limit/base	current	history1	history2
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Silver				<i></i>			
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Description							
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Anadium ppm ASTM D5185m 0 0 <1 Cadmium ppm ASTM D5185m 0 0 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 5 0 0 0 Barium ppm ASTM D5185m 1 0 0 0 Molybdenum ppm ASTM D5185m 1 0 0 0 Manganese ppm ASTM D5185m 1 <1 2 <1 Magnesium ppm ASTM D5185m 1220 1518 1541 1471 Phosphorus ppm ASTM D5185m 1220 1518 1541 1471 Phosphorus ppm ASTM D5185m 298 310 326 332 Zinc ppm ASTM D5185m 1995 2844 2978 2924 CONTAMINANTS method limit/base current history1 <t< td=""><td></td><td></td><td></td><td></td><th>-</th><td></td><td></td></t<>					-		
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Manganese ppm ASTM D5185m 1 <1 2 <1 Magnesium ppm ASTM D5185m 5 8 11 9 Calcium ppm ASTM D5185m 1220 1518 1541 1471 Phosphorus ppm ASTM D5185m 298 310 326 332 Zinc ppm ASTM D5185m 350 391 417 405 Sulfur ppm ASTM D5185m 1995 2844 2978 2924 CONTAMINANTS method limit/base current history1 history2 Colium ppm ASTM D5185m >20 0 5 2 Co	Barium	ppm	ASTM D5185m	1	0	0	0
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Calcium ppm ASTM D5185m 1220 1518 1541 1471 Phosphorus ppm ASTM D5185m 298 310 326 332 Zinc ppm ASTM D5185m 350 391 417 405 Sulfur ppm ASTM D5185m 1995 2844 2978 2924 CONTAMINANTS method limit/base current history1 history2 Soliticon ppm ASTM D5185m >+100 1 3 3 Soliticon ppm ASTM D5185m >20 0 5 2 Potassium ppm ASTM D5185m >20 0 5 2 Fuel % ASTM D3524 >4.0 0.0 0.2 0.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 5.1 5.1 5.0 Sulfation Abs/.1mm *A	Manganese	ppm	ASTM D5185m	1	<1	2	<1
Phosphorus ppm ASTM D5185m 298 310 326 332 Zinc ppm ASTM D5185m 350 391 417 405 Sulfur ppm ASTM D5185m 1995 2844 2978 2924 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >+100 1 3 3 Sodium ppm ASTM D5185m 2 2 0 Potassium ppm ASTM D5185m >20 0 5 2 Fuel % ASTM D5185m >20 0 5 2 Fuel % ASTM D5185m >20 0 0 2 Fuel % ASTM D5185m >20 0 0 0 Fuel % ASTM D5185m 20 0 0 0 Soot % % ASTM D7844 0 0 0 0 </td <td>Magnesium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>5</td> <th>8</th> <td>11</td> <td>9</td>	Magnesium	ppm	ASTM D5185m	5	8	11	9
ASTM D5185m 350 391 417 405	Calcium	ppm	ASTM D5185m	1220	1518	1541	1471
Sulfur ppm ASTM D5185m 1995 2844 2978 2924 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >+100 1 3 3 Sodium ppm ASTM D5185m 2 2 0 Potassium ppm ASTM D5185m >20 0 5 2 Fuel % ASTM D5185m >20 0 5 2 Fuel % ASTM D5185m >20 0 0 0 Fuel % ASTM D5185m >20 0 0 0 Fuel % ASTM D5185m >20 0 0 0 FUEL % ASTM D3524 >4.0 0 0 0 Soot % % *ASTM D7844 0 0 0 0 Soot % % *ASTM D7624 >20 5.1 5.1 5.1 5.0	Phosphorus	ppm	ASTM D5185m	298	310	326	332
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >+100 1 3 3 Sodium ppm ASTM D5185m 2 2 0 Potassium ppm ASTM D5185m >20 0 5 2 Fuel % ASTM D5185m >20 0 0 0 0 0 Fuel % ASTM D5185m >20 0	Zinc	ppm	ASTM D5185m	350	391	417	405
Solition ppm ASTM D5185m >+100 1 3 3 3 3 3 3 3 3 3	Sulfur	ppm	ASTM D5185m	1995	2844	2978	2924
Sodium	CONTAMINAN	TS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 5 2 Fuel % ASTM D3524 >4.0 0.0 0.2 0.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 0 0 0 Nitration Abs/cm *ASTM D7624 >20 5.1 5.1 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 16.6 16.5 16.5 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	Silicon	ppm	ASTM D5185m	>+100	1	3	3
Fuel % ASTM D3524 >4.0 0.0 0.2 0.0 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 0 0 0 0 Nitration Abs/cm *ASTM D7624 >20 5.1 5.1 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 16.6 16.5 16.5 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	Sodium	ppm	ASTM D5185m		2	2	0
INFRA-RED	Potassium	ppm	ASTM D5185m	>20	0	5	2
Goot % % *ASTM D7844 0 0 0 Nitration Abs/cm *ASTM D7624 >20 5.1 5.1 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 16.6 16.5 16.5 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	-uel	%	ASTM D3524	>4.0	0.0	0.2	0.0
Nitration Abs/cm *ASTM D7624 >20 5.1 5.0 Sulfation Abs/.1mm *ASTM D7415 >30 16.6 16.5 16.5 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 16.6 16.5 16.5 FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	Soot %	%	*ASTM D7844		0	0	0
FLUID DEGRADATION method limit/base current history1 history2 Dxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	Nitration	Abs/cm	*ASTM D7624	>20	5.1	5.1	5.0
Dxidation Abs/.1mm *ASTM D7414 >25 9.5 9.7 9.9 Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91	Sulfation	Abs/.1mm	*ASTM D7415	>30	16.6	16.5	16.5
Acid Number (AN) mg KOH/g ASTM D8045 0.86 0.94 0.90 0.91				lineit/lesses		historyd	hiotory?
, ,	FLUID DEGRA	NOITAC	method	ilmit/base	current	riistory i	HISTORYZ
Base Number (BN) mg KOH/g ASTM D2896 3.9 2.96 3.51 3.35							
	FLUID DEGRAD Oxidation Acid Number (AN)	Abs/.1mm	*ASTM D7414	>25	9.5	9.7	9.9



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: PCA0117243 Lab Number : 06237978 Unique Number : 11126812

Received **Tested**

Diagnosed : 17 Jul 2024 - Wes Davis

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

Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

: 16 Jul 2024

: 17 Jul 2024

 st - 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)

ENERVEST OPERATING - HAYSI A

1242 WEST WIND ROAD HAYSI, VA US 24256

Contact: CHARLES GREGORY

cgregory@usacompression.com T:

Report Id: ENEHAYA [WUSCAR] 06237978 (Generated: 07/17/2024 11:32:24) Rev: 1

Contact/Location: CHARLES GREGORY - ENEHAYA

F: