

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id Hatchet

Component Compressor Fluid

PETRO CANADA SENTRON LD 3000 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

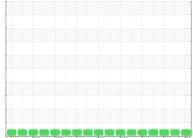
All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





SAMPLE INFORI	MATION	method	limit/base	current	history1	history2		
Sample Number		Client Info		PCA0117118	PCA0111981	PCA0103391		
Sample Date		Client Info		02 Feb 2024	02 Jan 2024	01 Dec 2023		
Machine Age	hrs	Client Info		157983	157283	156471		
Oil Age	hrs	Client Info		0	157238	154171		
Oil Changed		Client Info		Not Changd	N/A	Oil Added		
Sample Status				NORMAL	NORMAL	NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2		
Water		WC Method	>0.1	NEG	NEG	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185m	>50	0	<1	1		
Chromium	ppm	ASTM D5185m	>10	0	0	<1		
Nickel	ppm	ASTM D5185m		0	0	<1		
Titanium	ppm	ASTM D5185m		0	0	<1		
Silver	ppm	ASTM D5185m		0	0	0		
Aluminum	ppm	ASTM D5185m	>25	1	2	1		
Lead	ppm	ASTM D5185m	>25	<1	0	0		
Copper	ppm	ASTM D5185m	>50	0	0	<1		
Tin	ppm	ASTM D5185m	>15	<1	0	<1		
Vanadium	ppm	ASTM D5185m		0	0	0		
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	11		
Molybdenum	ppm	ASTM D5185m	2	2	4	5		
Manganese	ppm	ASTM D5185m	1	<1	0	<1		
Magnesium	ppm	ASTM D5185m	5	8	7	6		
Calcium	ppm	ASTM D5185m	1220	1172	1269	1237		
Phosphorus	ppm	ASTM D5185m	298	283	311	298		
Zinc	ppm	ASTM D5185m	350	321	320	332		
Sulfur	ppm	ASTM D5185m	1995	2277	2473	2916		
CONTAMINAN	TS	method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>25	1	1	2		
Sodium	ppm	ASTM D5185m		2	0	0		
Potassium	ppm	ASTM D5185m	>20	2	1	1		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2		
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	0.383	0.364	0.44		



OIL ANALYSIS REPORT

Abnormal

Ba

Abnormal

Sep8/22.

: PCA0117118

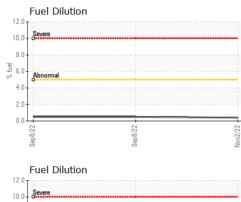
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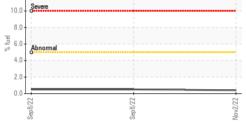
Laboratory

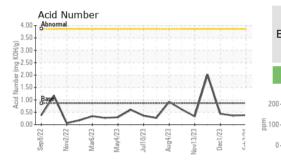
Sample No.

Lab Number : 06092408

Viscosity @ 40°C







VISUA	۱L				method		limit/base		curre	ent		nistor	y1	ł	nistory	y2
White Me	tal		scala	.r *	Visual	Ν	IONE		NONE		N	ONE		NONE		
Yellow M	etal		scala	.r *	Visual	N	IONE		NONE		N	ONE		NC	DNE	
Precipitat	е		scala	r *	Visual	Ν	IONE		NONE		N	ONE		NON		
Silt			scala	.r *	Visual	N	IONE		NONE		N	ONE		NC	DNE	
Debris			scala		Visual		IONE		LIGHT			ONE			DNE	
Sand/Dirt			scala		Visual		IONE		NONE			ONE			DNE	
Appearar	ice		scala		Visual		IORML		NORN			ORMI			ORML	
Odor			scala		Visual		IORML		NORN	IL		ORMI	-		ORML	-
Emulsifie		er	scala		Visual	>	0.1		NEG					NEG		
Free Wat	-		scala	_	Visual				NEG			EG				
FLUID	PR	DPE	RTIE		method		limit/base		curre	ent	l	histor	y1	ł	nistory	y2
Visc @ 4	0°C		cSt	A	ASTM D445	5 1	24.3		119		12	21		11	8	
SAMP	LE IN	MAG	ES		method		limit/base		curre	ent	l	nistor	y1	ł	nistory	y2
Color														no	imag	e
Bottom														no image		
GRAP	HS															
Iron (p	om)						10	L 00 т 00	ead (p	pm)						
Severe								50-	Severe					1		
Abnormal				_					Abnormal							
Sep 8/22	Mar6/23	May4/23 -	Jul10/23	Aug4/23 -	Vov13/23	04/100	Feb2/24	Can8/27	Nov2/22 -	Mar6/23 -	/lay4/23	Jul10/23	Aug4/23 -	Vov13/23 -	Dec1/23 -	Feb2/24
∽ ≥ Alumini		_	٦٢	A	N N	2	LL.		° ≥ Chromi		-	٦٢	A	No		LL.
00 Severe		pini)		 I				³⁰ T 2	Severe							
50 - Abnormal							udd	20 10 - 4	Abnormal							
0	5	33	33	13	23	3	24	0 L	12	2	23	33	22	33	33	4
Sep8/22 Nov2/22	Mar6/23	May4/23	Jul10/23	Aug4/23	Vov13/23		Feb2/24	Can 8/77	Nov2/22	Mar6/23	May4/23	Jul10/23	Aug4/23	Vov13/23	Dec1/23	Feb2/24
Copper	(ppm)			-				Silicon ((ppm)				-		
Severe	i.								Severe	1	i	I				
00 - Abnormal							bhu	50 -	Abnormal							
0							-	οL								-
Sep 8/22 Vov2/22	Mar6/23	May4/23	Jul10/23	Aug4/23	Nov13/23	1100	Feb2/24	Can 8/77	Vov2/22	Mar6/23	May4/23	Jul10/23	Aug4/23	Vov13/23	Dec1/23	Feb2/24
No S	\geq	N	ηr	AL	No	2	ı£	2	ž	\geq	N	ηr	AL	Nov	Ď	Ľ

KOH/g)

Du

Acid Nui 0.00

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2.00

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Sen 8/22 -



Unique Number : 10885261 Diagnosed : 20 Feb 2024 - Jonathan Hester Test Package : MOB 2 (Additional Tests: FuelDilution) Contact: Service Manager Certificate L2367 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)

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

May4/23

Mar6/23

Aug4/23

Received

Tested

Dec1/23 -Feb2/24.

: 16 Feb 2024

: 20 Feb 2024

Vov13/23

eb2/24

/lav4/23

Acid Number

Aar6/73

Aug 4/23

ENERVEST OPERATING - HATCHET

Jov13/23 lec1/73

126 AILY ROAD

DANTE, VA

US 24237

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