

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

Banner 1

Component Natural Gas Engine Fluid PETRO CANADA SENTRON LD 3000 (341 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. 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.

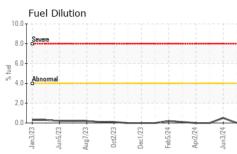
SAMPLE INFORM	/IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0117264	PCA0117258	PCA0117192
Sample Date		Client Info		09 Jul 2024	03 Jun 2024	01 May 2024
Machine Age	hrs	Client Info		132674	131841	131053
Oil Age	hrs	Client Info		132674	131841	131053
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATI	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	6	8	7
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	0	0	<1
Titanium	ppm	ASTM D5185m	~ _	۰ <1	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m		2	2	<1
Lead	ppm	ASTM D5185m	>30	33	35	30
Copper	ppm	ASTM D5185m	>35	2	6	3
Tin	ppm	ASTM D5185m	>4	- <1	2	1
Vanadium	ppm	ASTM D5185m	21	<1	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES	lele	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	2	0	0
Barium	ppm		1	0	0	0
Molybdenum	ppm	ASTM D5185m	2	2 0	5 2	3
Manganese	ppm		1			<1
Magnesium Calcium	ppm	ASTM D5185m	5	15	17 1444	15 1357
	ppm	ASTM D5185m	1220 298	1329	324	309
Phosphorus Zinc	ppm	ASTM D5185m	350	301	324 401	309
Sulfur	ppm	ASTM D5185m ASTM D5185m		379		
	ppm		1995	2230	2773	2603
CONTAMINAN	IS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	2	3	2
Sodium	ppm	ASTM D5185m		0	3	0
Potassium	ppm	ASTM D5185m	>20	2	5	3
Fuel	%	ASTM D3524	>4.0	0.0	0.5	0.0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Nitration	Abs/cm	*ASTM D7624		5.6	5.6	5.6
Sulfation	Abs/.1mm	*ASTM D7415	>25	18.2	18.1	18.1
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>20	12.9	13.4	13.3
Acid Number (AN)	mg KOH/g	ASTM D8045	0.86	1.36	1.50	1.54
Base Number (BN)	mg KOH/g	ASTM D2896	3.9	2.19	2.23	2.17

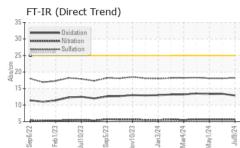


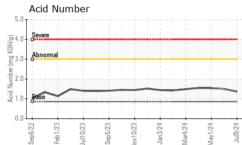
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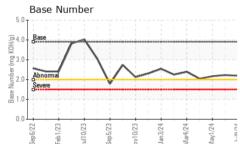
Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

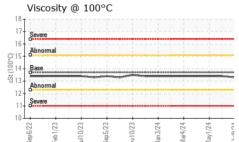
VISUAL















Submitted By: Adam Kimberlin Page 2 of 2

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