

## [142229] Machine Id VOLVO PENTA WALLACEBURY WTP Component Diesel Engine Fluid DIESEL ENGINE OIL SAE 15W40 (75 LTR)

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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	V 1	-/-	٩F	1

Metal levels are typical for a new component breaking in.

## CONTAMINATION

**FLUID CONDITION** 

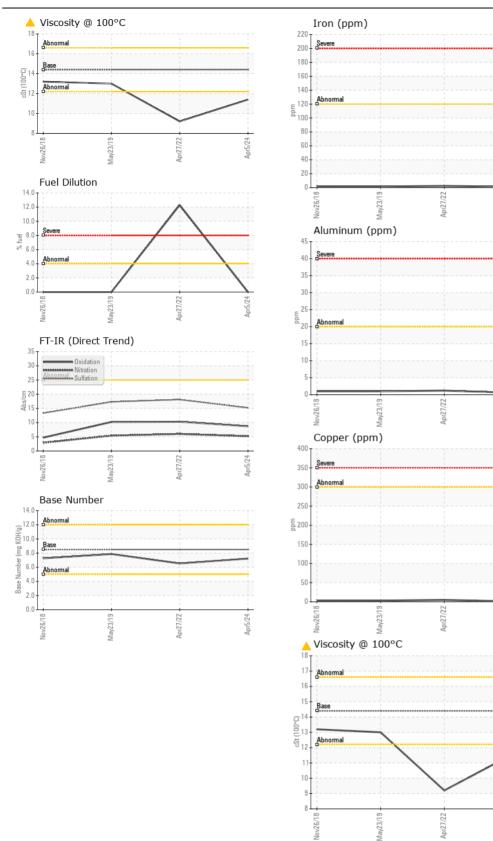
Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil.

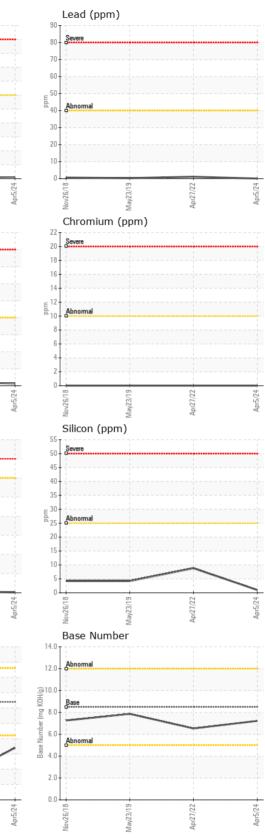
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The BN result indicates that there is suitable alkalinity remaining in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is suitable for further service.

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Т	Test	UOM	Method	Limit/Abn	Current	History1	History2
S	Sample Number		Client Info		WC0919644	WC0668166	WC101325
S	Sample Date		Client Info		05 Apr 2024	27 Apr 2022	23 May 2019
Ν	Aachine Age	hrs	Client Info		303	256	182
C	Dil Age	hrs	Client Info		0	0	6
F	ilter Age	hrs	Client Info		0	0	6
C	Dil Changed		Client Info		N/A	Not Changd	Not Changd
F	Filter Changed		Client Info		N/A	Not Changd	Not Changd
S	Sample Status				ABNORMAL	SEVERE	NORMAL
				100		0	0
	ron	ppm	ASTM D5185(m)	>120	1	2	2
	Chromium	ppm	ASTM D5185(m)	>10	0	0	0
		ppm	ASTM D5185(m)	>5	0	<1	0
	Titanium	ppm	ASTM D5185(m)	-	0	<1	<1
	Silver	ppm	ASTM D5185(m)	>5	0	0	0
	Aluminum .ead	ppm	ASTM D5185(m)	>20	<1	1	1
		ppm	ASTM D5185(m)	>40	0	1	<1
	Copper	ppm	ASTM D5185(m)	>300	1	5	3
	īin (aus adžaus	ppm	ASTM D5185(m)	>10	0	<1	0
	/anadium	ppm	ASTM D5185(m)		0	0	0
S	Silicon	ppm	ASTM D5185(m)	>25	1	9	4
F	Potassium	ppm	ASTM D5185(m)	>20	1	0	<1
F	uel	%	ASTM D7593*	>4.0	0.0	<b>1</b> 2.3	<1.0
۷	Vater		WC Method	>0.1	NEG	NEG	NEG
C	Glycol		WC Method		NEG	NEG	NEG
S	Soot %	%	ASTM D7844*		0	0	0
١	Nitration	Abs/cm	ASTM D7624*	>20	5.2	6.0	5.4
S	Sulfation	Abs/.1mm	ASTM D7415*	>30	15.2	18.1	17.3
E	mulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG
5	Sodium	ppm	ASTM D5185(m)	>158	1	2	1
E	Boron	ppm	ASTM D5185(m)	250	8	3	2
E	Barium	ppm	ASTM D5185(m)	10	0	0	0
Ν	Nolybdenum	ppm	ASTM D5185(m)	100	2	<1	<1
Ν	Nanganese	ppm	ASTM D5185(m)		0	<1	<1
Ν	/lagnesium	ppm	ASTM D5185(m)	450	27	15	10
C	Calcium	ppm	ASTM D5185(m)	3000	2062	1941	2264
F	Phosphorus	ppm	ASTM D5185(m)	1150	799	830	921
Z	Zinc	ppm	ASTM D5185(m)	1350	898	897	1037
S	Sulfur	ppm	ASTM D5185(m)	4250	2792	2901	3414
C	Dxidation	Abs/.1mm	ASTM D7414*	>25	8.7	10.3	10.2
В	Base Number (BN)	mg KOH/g	ASTM D2896*	8.5	7.22	6.53	7.86
١	/isc @ 100°C	cSt	ASTM D7279(m)	14.4	<b>11.4</b>	▲ 9.2	13.0

Contact/Location: Debbie Johnston - GENCOM





Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GENREP LTD** CALA Sample No. : WC0919644 Received 476 HWY 77, R.R. # 3 : 15 Apr 2024 : 02628674 Lab Number Tested LEAMINGTON, ON : 16 Apr 2024 ISO 17025:2017 Accredited Laboratory Unique Number : 5761806 Diagnosed : 16 Apr 2024 - Kevin Marson CA N8H 3V6 Test Package : MOB 2 (Additional Tests: PercentFuel) Contact: Debbie Johnston To discuss this sample report, contact Customer Service at 1-800-268-2131. djohnston@genrep.com T: (519)325-0202 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. F: (519)322-0026 Validity of results and interpretation are based on the sample and information as supplied.