



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
PORSCHE PORSCHE BOXSTER

Component
Front Gasoline Engine

Fluid
AMSOIL EUROPEAN CAR FORMULA SYN (AFL) 5W40 (9 LTR)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0951369	WC0734196	WC0593677
Sample Date		Client Info		01 Jun 2024	16 Sep 2022	11 Jun 2021
Machine Age	kms	Client Info		100000	96997	92131
Oil Age	kms	Client Info		0	0	3500
Filter Age	kms	Client Info		0	0	3500
Oil Changed		Client Info		N/A	N/A	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	7	8	5
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>40	3	3	2
Lead	ppm	ASTM D5185(m)	>50	0	<1	<1
Copper	ppm	ASTM D5185(m)	>155	2	2	2
Tin	ppm	ASTM D5185(m)	>10	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

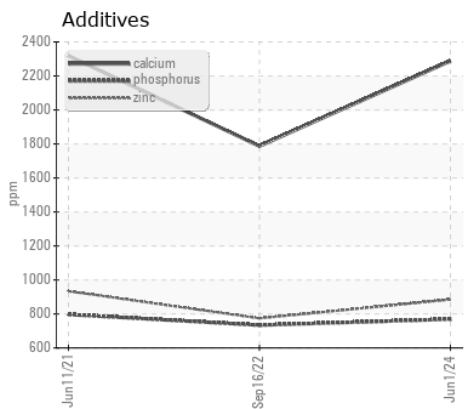
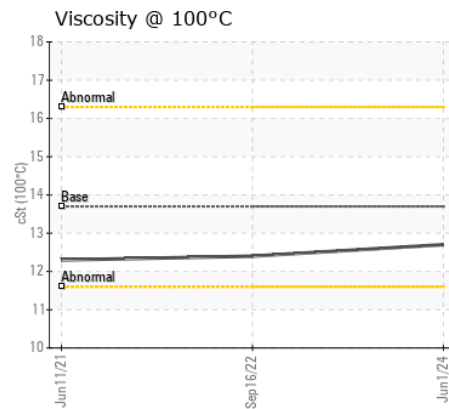
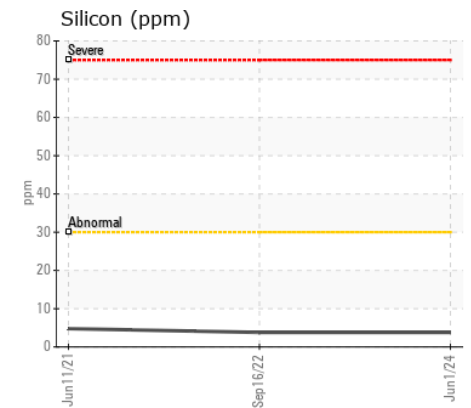
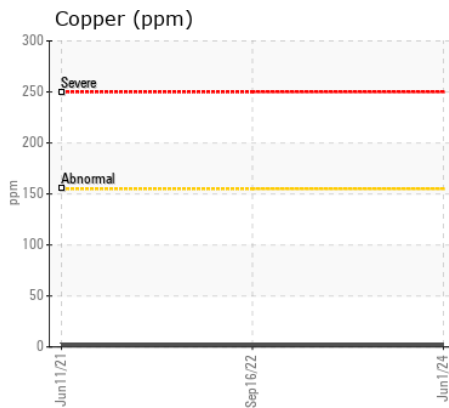
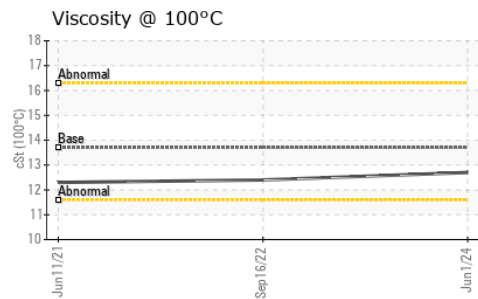
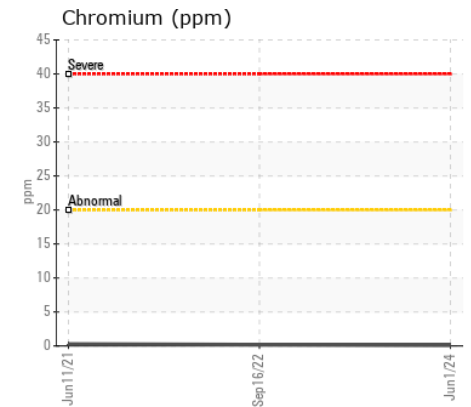
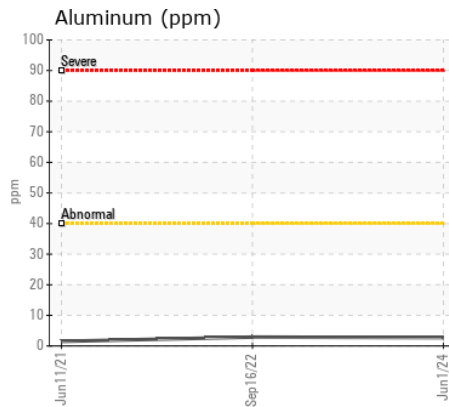
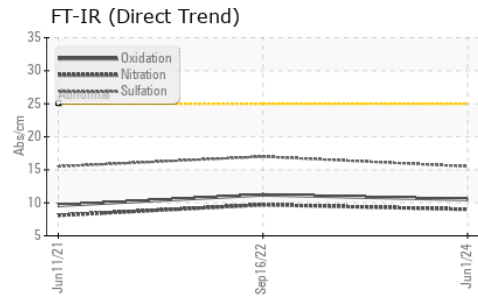
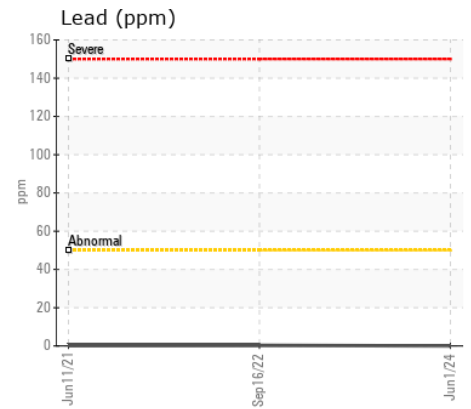
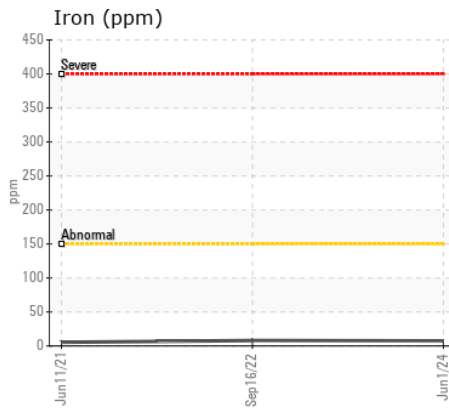
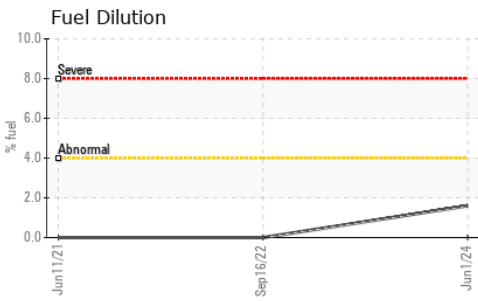
Light fuel dilution occurring. No other contaminants were detected in the oil.

Silicon	ppm	ASTM D5185(m)	>30	4	4	5
Potassium	ppm	ASTM D5185(m)	>20	<1	1	1
Fuel	%	ASTM D7593*	>4.0	1.6	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	9.0	9.7	8.1
Sulfation	Abs/.1mm	ASTM D7415*	>30	15.5	17.0	15.5
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>400	11	2	2
Boron	ppm	ASTM D5185(m)		61	58	62
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		<1	<1	<1
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		16	17	14
Calcium	ppm	ASTM D5185(m)		2288	1787	2319
Phosphorus	ppm	ASTM D5185(m)		769	734	797
Zinc	ppm	ASTM D5185(m)		885	774	934
Sulfur	ppm	ASTM D5185(m)		1723	1582	1883
Oxidation	Abs/.1mm	ASTM D7414*	>25	10.5	11.2	9.6
Visc @ 100°C	cSt	ASTM D7279(m)	13.7	12.7	12.4	12.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0951369 **Received** : 07 Jun 2024
Lab Number : 02640410 **Tested** : 11 Jun 2024
Unique Number : 5789572 **Diagnosed** : 11 Jun 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: BottomAnalysis, FILTERPATCH, FUELDILUTION, PercentFuel, Visual)

ANDY WRIGHT
 5144 KING ST W
 BEAMSVILLE, ON
 CA L0R 1B8
 Contact: Andy Wright
 andy.flatsix@gmail.com
 T: (416)557-5144
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.