



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
AUDI AUDI S6
Component
Front Gasoline Engine
Fluid
MOBIL 1 5W30 (--- LTR)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0931993	---	---
Sample Date		Client Info		06 May 2024	---	---
Machine Age	kms	Client Info		219578	---	---
Oil Age	kms	Client Info		7277	---	---
Filter Age	kms	Client Info		7277	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>150	23	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>40	10	---	---
Lead	ppm	ASTM D5185(m)	>50	1	---	---
Copper	ppm	ASTM D5185(m)	>155	2	---	---
Tin	ppm	ASTM D5185(m)	>10	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

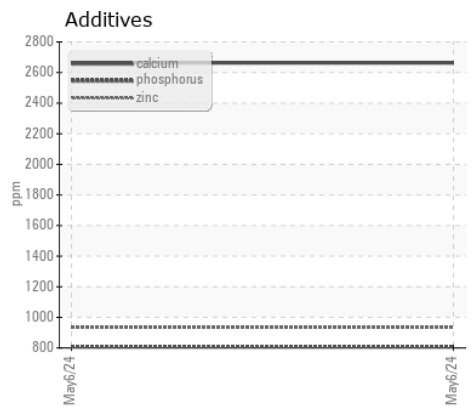
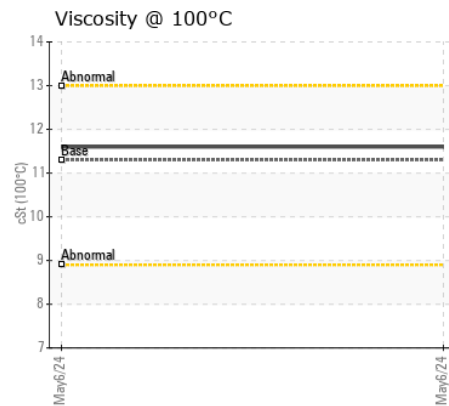
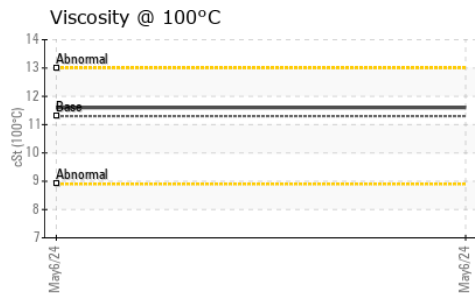
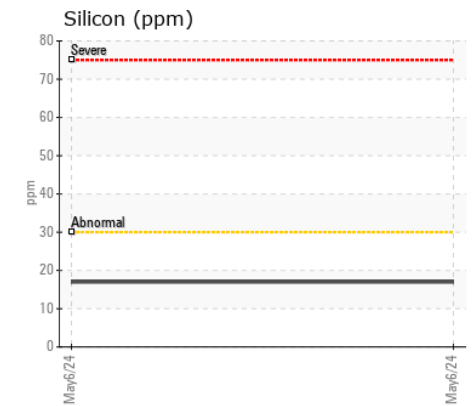
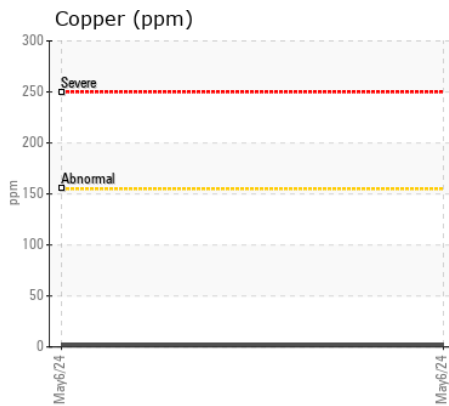
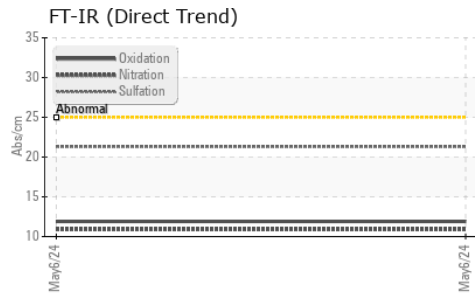
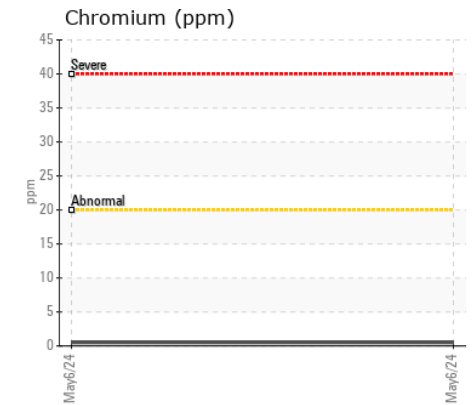
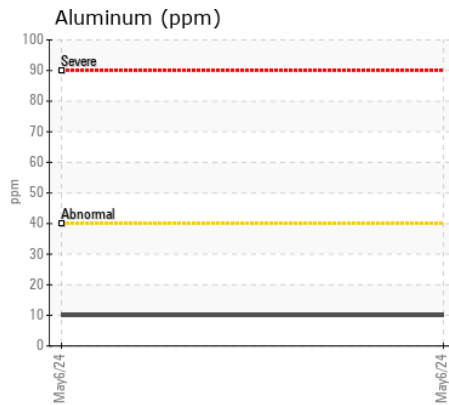
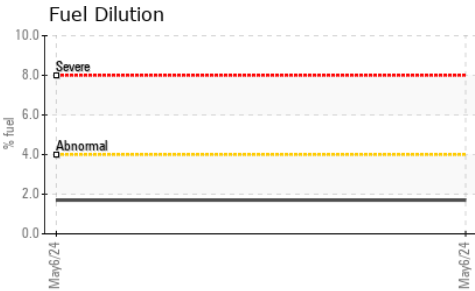
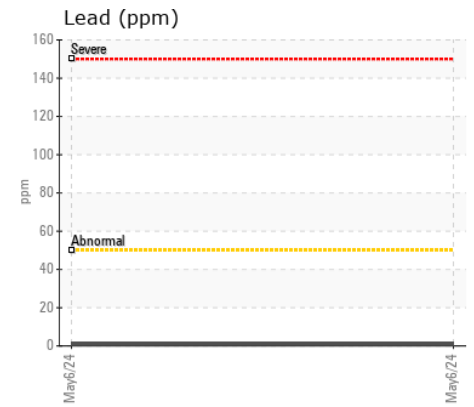
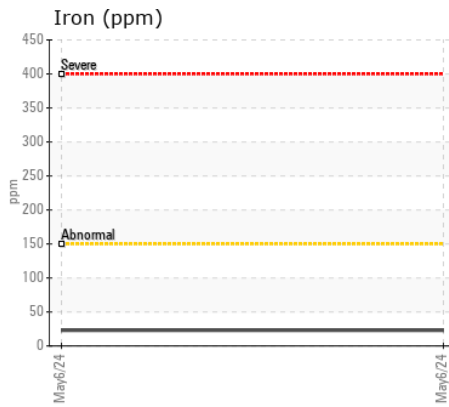
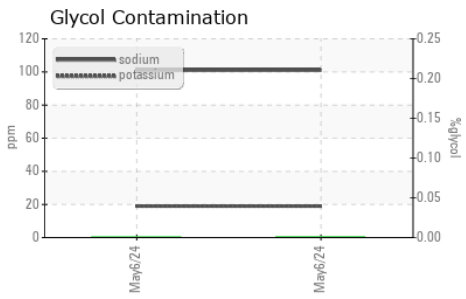
Light fuel dilution occurring. No other contaminants were detected in the oil.

Silicon	ppm	ASTM D5185(m)	>30	17	---	---
Potassium	ppm	ASTM D5185(m)	>20	19	---	---
Fuel	%	ASTM D7593*	>4.0	1.7	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	10.9	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.3	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>400	101	---	---
Boron	ppm	ASTM D5185(m)	94	11	---	---
Barium	ppm	ASTM D5185(m)	0.0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0.0	296	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	1388	59	---	---
Calcium	ppm	ASTM D5185(m)	820	2663	---	---
Phosphorus	ppm	ASTM D5185(m)	720	809	---	---
Zinc	ppm	ASTM D5185(m)	780	933	---	---
Sulfur	ppm	ASTM D5185(m)	2240	2563	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	11.9	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.3	11.6	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0931993 **Received** : 07 May 2024
Lab Number : 02633776 **Tested** : 08 May 2024
Unique Number : 5774929 **Diagnosed** : 08 May 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: FuelDilution, Glycol, PercentFuel, Visual)

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.

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