



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
VOLKSWAGEN 3VWDA7AJ8FM251527
 Component
Front Diesel Engine
 Fluid
MOBIL DELVAC 1 ESP 5W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0948246	---	---
Sample Date		Client Info		28 May 2024	---	---
Machine Age	kms	Client Info		252109	---	---
Oil Age	kms	Client Info		10300	---	---
Filter Age	kms	Client Info		10300	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

We have assumed that the oil was taken hot, according to the sampling instructions. All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	14	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	4	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	2	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

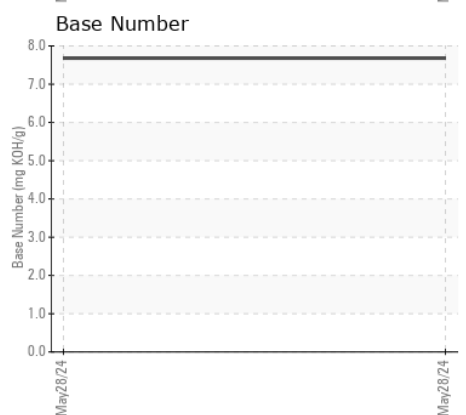
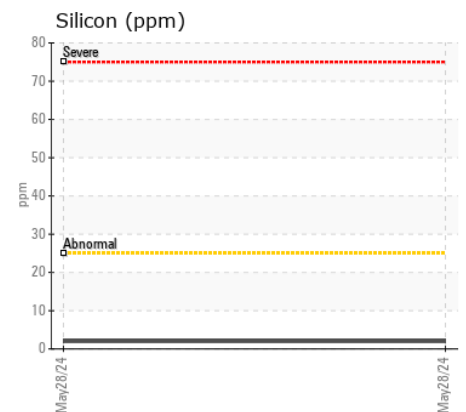
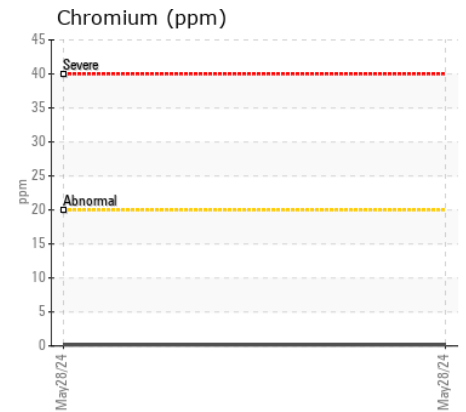
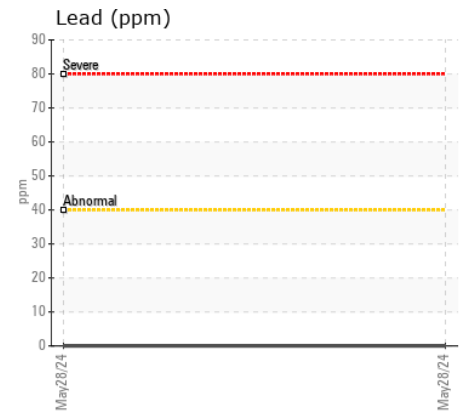
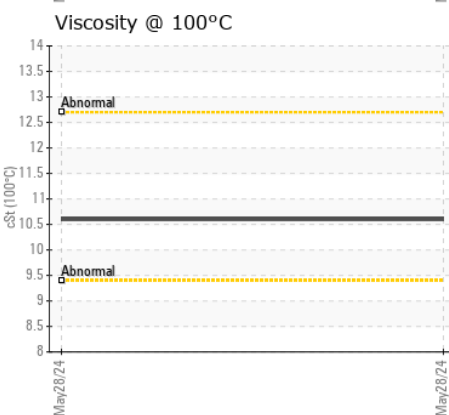
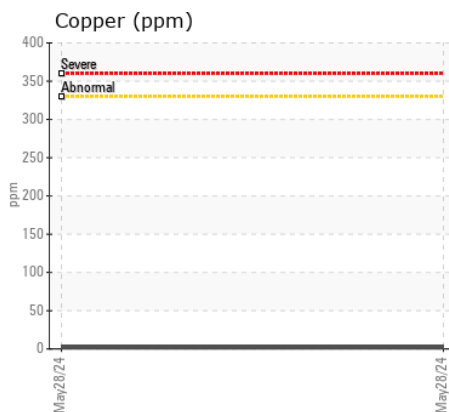
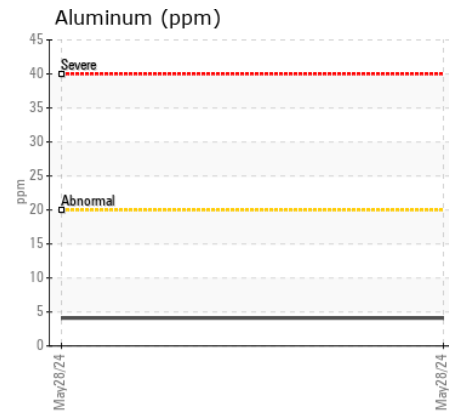
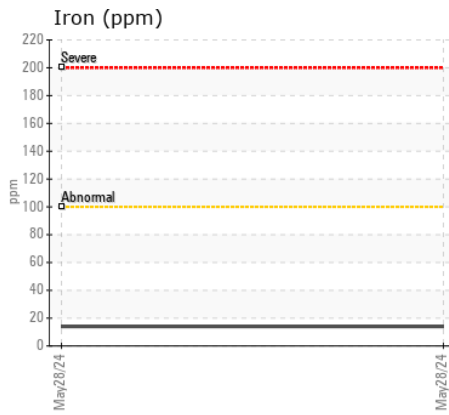
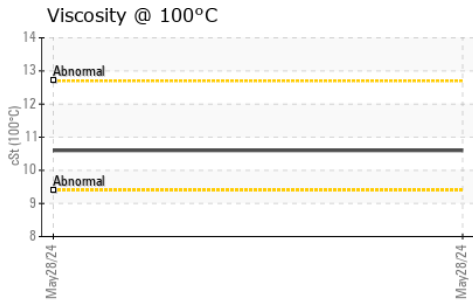
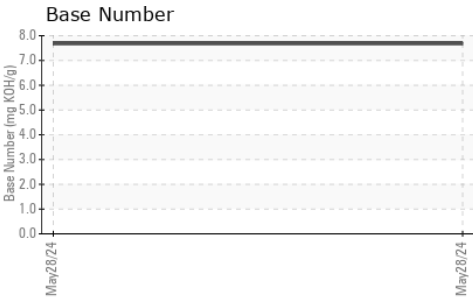
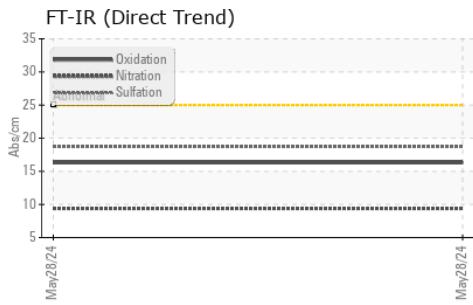
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	2	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---
Fuel		WC Method	>5	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	0.1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.4	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.7	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)		<1	---	---
Boron	ppm	ASTM D5185(m)		97	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		1	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		445	---	---
Calcium	ppm	ASTM D5185(m)		1003	---	---
Phosphorus	ppm	ASTM D5185(m)		643	---	---
Zinc	ppm	ASTM D5185(m)		723	---	---
Sulfur	ppm	ASTM D5185(m)		1655	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.3	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		7.68	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		10.6	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0948246
Lab Number : 02638790
Unique Number : 5787952
Test Package : MOB 2

Received : 30 May 2024
Tested : 30 May 2024
Diagnosed : 30 May 2024 - Kevin Marson

Kevin Belben
 11 Gerald's Garden
 Wasaga Beach, ON
 CA L9Z 1L2
 Contact: Kevin Belben
 tdikev@hotmail.com
 T: (905)550-5884
 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.