



# OIL ANALYSIS REPORT

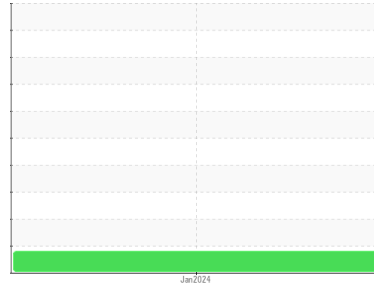
Sample Rating Trend

WEAR



Machine Id  
**ACURA 24890-03**

Component  
**Transmission (Auto)**  
Fluid  
**ATF (--- GAL)**



## DIAGNOSIS

- Recommendation**  
No corrective action is recommended at this time.
- Wear**  
Gear wear is indicated.
- Contamination**  
There is no indication of any contamination in the fluid.
- Fluid Condition**  
The AN level is acceptable for this fluid.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WCM2007265</b>	---	---
Sample Date	Client Info		<b>11 Jan 2024</b>	---	---
Machine Age	mls	Client Info	<b>0</b>	---	---
Oil Age	mls	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>▲ 330</b>	---	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m >5	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---	---
Silver	ppm	ASTM D5185m >5	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185m >50	<b>36</b>	---	---
Lead	ppm	ASTM D5185m >50	<b>0</b>	---	---
Copper	ppm	ASTM D5185m >225	<b>14</b>	---	---
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>255</b>	---	---
Barium	ppm	ASTM D5185m	<b>7</b>	---	---
Molybdenum	ppm	ASTM D5185m	<b>0</b>	---	---
Manganese	ppm	ASTM D5185m	<b>4</b>	---	---
Magnesium	ppm	ASTM D5185m	<b>237</b>	---	---
Calcium	ppm	ASTM D5185m	<b>390</b>	---	---
Phosphorus	ppm	ASTM D5185m	<b>12</b>	---	---
Zinc	ppm	ASTM D5185m	<b>357</b>	---	---
Sulfur	ppm	ASTM D5185m	<b>953</b>	---	---

## CONTAMINANTS

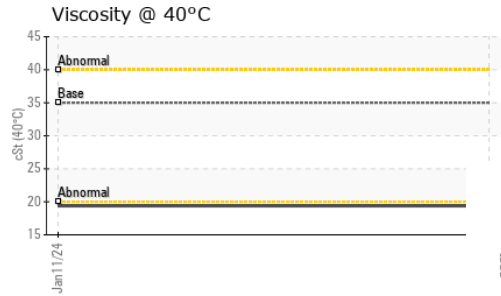
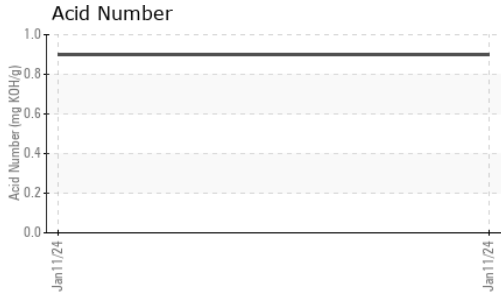
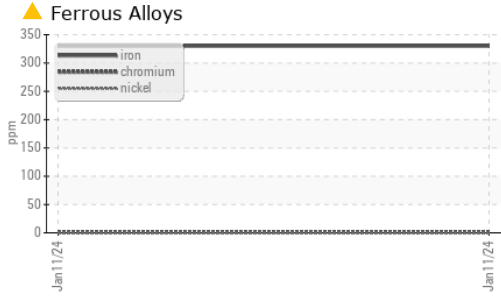
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>11</b>	---	---
Sodium	ppm	ASTM D5185m	<b>7</b>	---	---
Potassium	ppm	ASTM D5185m >20	<b>6</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.90</b>	---	---



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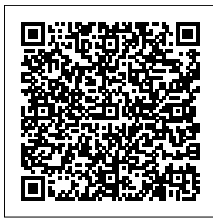
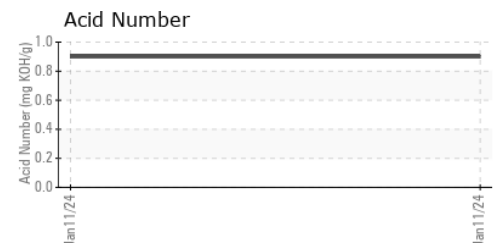
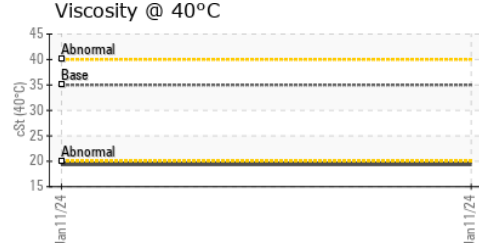
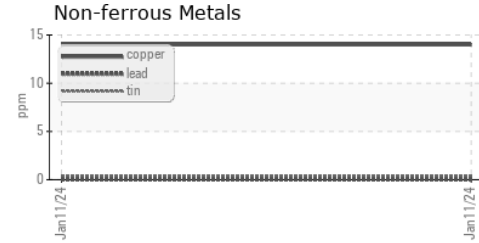
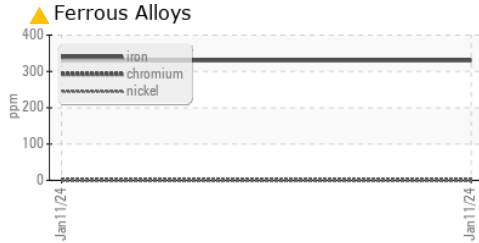


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	35.0	19.4	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCM2007265 **Received** : 12 Jan 2024  
**Lab Number** : 06060357 **Diagnosed** : 17 Jan 2024  
**Unique Number** : 10831739 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 2 ( Additional Tests: PrtCount )

**SOUTHERN AUTOMOTIVE CONSULTING**  
 P.O. BOX 730  
 CREEDMOOR, NC  
 US 27522  
 Contact: ANDREW MORTON  
 andymorton711@yahoo.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)