



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**INFINITI 27306-01T**  
Component  
**Transmission (Auto)**  
Fluid  
**TES SYN 295 (--- GAL)**

## RECOMMENDATION

No corrective action is recommended at this time.

## WEAR

All component wear rates are normal.

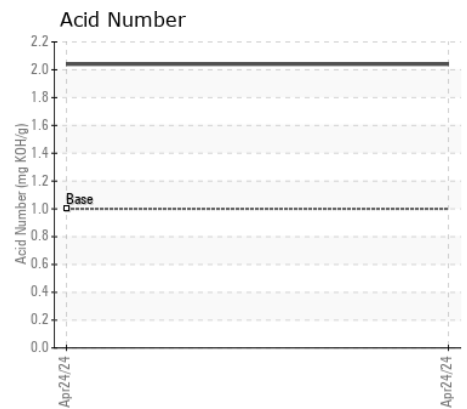
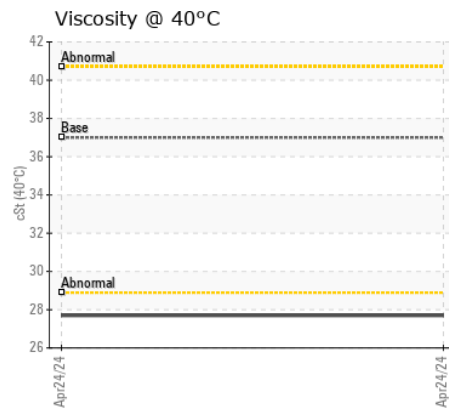
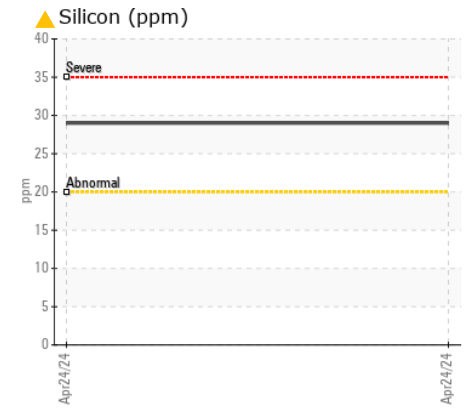
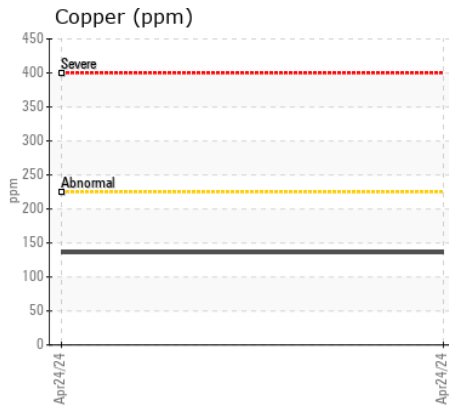
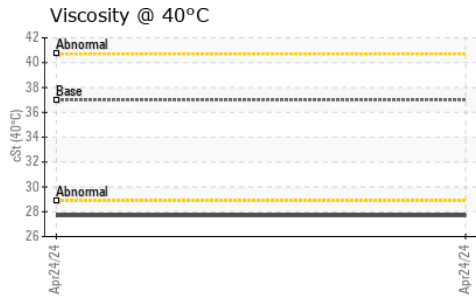
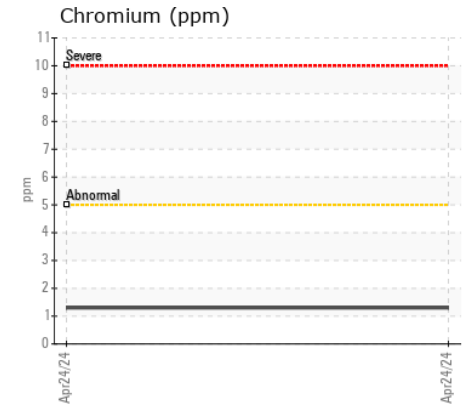
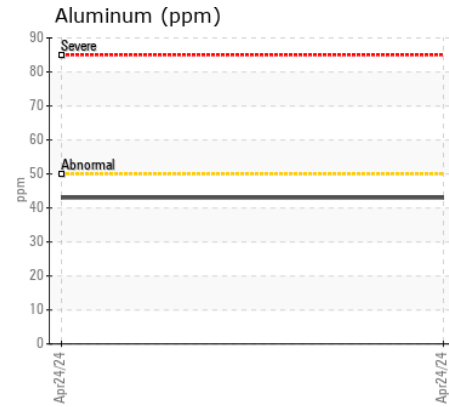
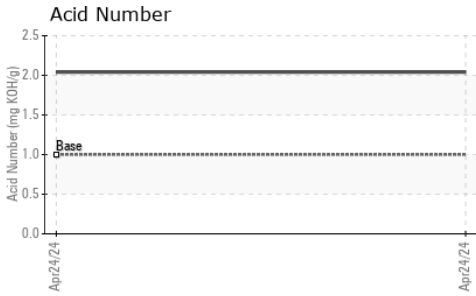
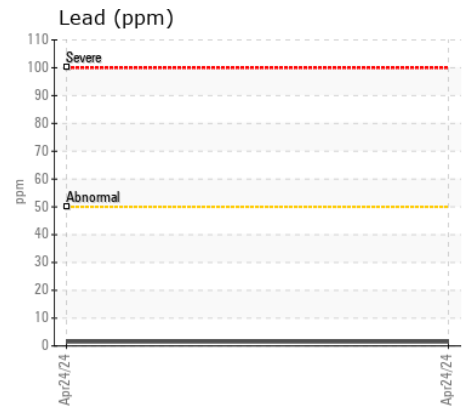
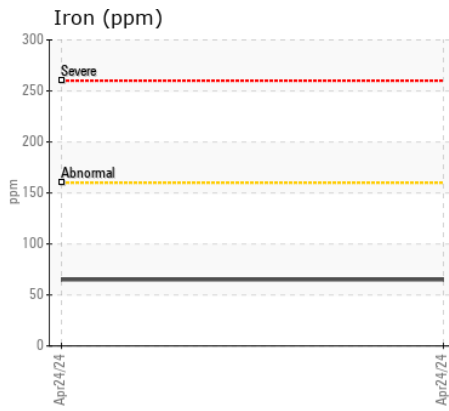
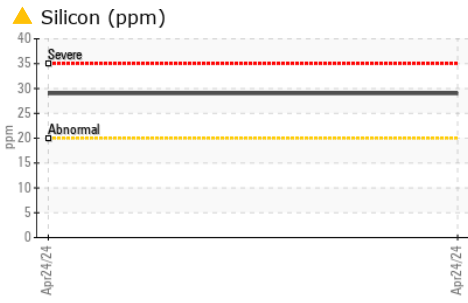
## CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material.

## FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WCM2308238	---	---
Sample Date		Client Info		24 Apr 2024	---	---
Machine Age	mls	Client Info		0	---	---
Oil Age	mls	Client Info		0	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>160	65	---	---
Chromium	ppm	ASTM D5185m	>5	1	---	---
Nickel	ppm	ASTM D5185m	>5	2	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m	>5	<1	---	---
Aluminum	ppm	ASTM D5185m	>50	43	---	---
Lead	ppm	ASTM D5185m	>50	2	---	---
Copper	ppm	ASTM D5185m	>225	136	---	---
Tin	ppm	ASTM D5185m	>10	8	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>20	▲ 29	---	---
Potassium	ppm	ASTM D5185m	>20	5	---	---
Water		WC Method	>0.1	NEG	---	---
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	---	---
Sodium	ppm	ASTM D5185m		10	---	---
Boron	ppm	ASTM D5185m	85	57	---	---
Barium	ppm	ASTM D5185m	0	7	---	---
Molybdenum	ppm	ASTM D5185m	0	2	---	---
Manganese	ppm	ASTM D5185m	0	2	---	---
Magnesium	ppm	ASTM D5185m	1	3	---	---
Calcium	ppm	ASTM D5185m	100	128	---	---
Phosphorus	ppm	ASTM D5185m	200	269	---	---
Zinc	ppm	ASTM D5185m	0	13	---	---
Sulfur	ppm	ASTM D5185m	1500	946	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	2.04	---	---
Visc @ 40°C	cSt	ASTM D445	37.0	27.7	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCM2308238  
**Lab Number** : 06159845  
**Unique Number** : 10995268  
**Test Package** : MOB 2

**Received** : 24 Apr 2024  
**Tested** : 25 Apr 2024  
**Diagnosed** : 30 Apr 2024 - Jonathan Hester

**NORTH AMERICAN WEST AUTOMOTIVE FORENSIC SERVICES**  
 PO BOX 2220  
 MISSION VIEJO, CA  
 US 92690  
 Contact: CHAD TREDWAY  
 chad.nawest@gmail.com;northamericanwest@gmail.com  
 T: (888)491-1080  
 F: (949)271-2360

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)