



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
INFINITI 24922-03
 Component
Gasoline Engine
 Fluid
 {not provided} (--- QTS)

DIAGNOSIS

Recommendation
 No corrective action is recommended at this time.

Wear
 All component wear rates are normal.

Contamination
 There is no indication of any contamination in the oil.

Fluid Condition
 The AN level is acceptable for this fluid.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WCM2007276	---	---
Sample Date	Client Info	04 Apr 2024	---	---
Machine Age	mls Client Info	0	---	---
Oil Age	mls Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	NEG	---	---
Glycol	WC Method	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >150	51	---	---
Chromium	ppm ASTM D5185m >20	<1	---	---
Nickel	ppm ASTM D5185m >5	0	---	---
Titanium	ppm ASTM D5185m	<1	---	---
Silver	ppm ASTM D5185m >2	0	---	---
Aluminum	ppm ASTM D5185m >40	10	---	---
Lead	ppm ASTM D5185m >50	0	---	---
Copper	ppm ASTM D5185m >155	1	---	---
Tin	ppm ASTM D5185m >10	2	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	6	---	---
Barium	ppm ASTM D5185m	0	---	---
Molybdenum	ppm ASTM D5185m	73	---	---
Manganese	ppm ASTM D5185m	10	---	---
Magnesium	ppm ASTM D5185m	444	---	---
Calcium	ppm ASTM D5185m	1182	---	---
Phosphorus	ppm ASTM D5185m	659	---	---
Zinc	ppm ASTM D5185m	757	---	---
Sulfur	ppm ASTM D5185m	2433	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >30	22	---	---
Sodium	ppm ASTM D5185m >400	1	---	---
Potassium	ppm ASTM D5185m >20	<1	---	---
Fuel	% ASTM D3524 >4.0	2.0	---	---

INFRA-RED

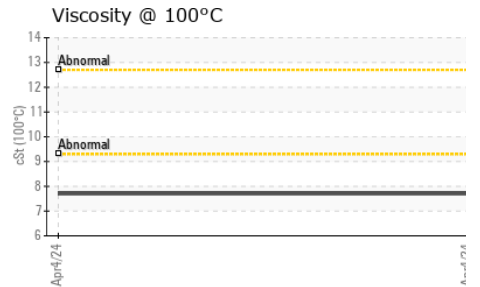
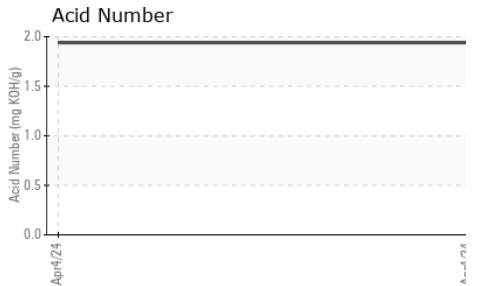
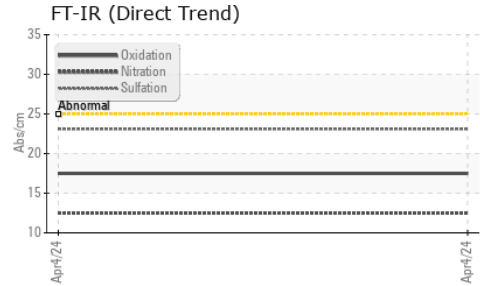
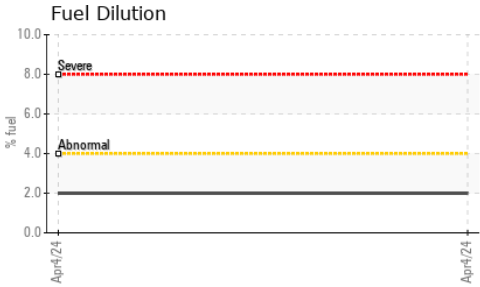
method	limit/base	current	history1	history2
Soot %	% *ASTM D7844	0.1	---	---
Nitration	Abs/cm *ASTM D7624 >20	12.5	---	---
Sulfation	Abs/.1mm *ASTM D7415 >30	23.1	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm *ASTM D7414 >25	17.5	---	---
Acid Number (AN)	mg KOH/g ASTM D8045	1.94	---	---



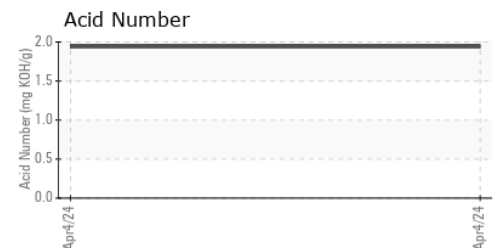
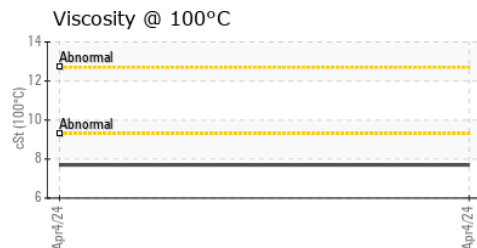
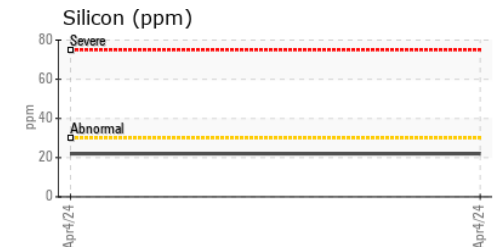
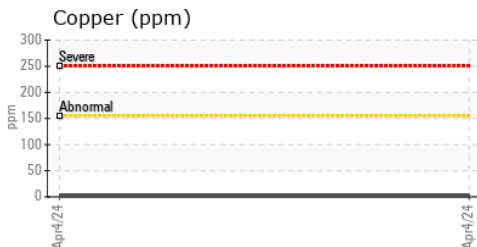
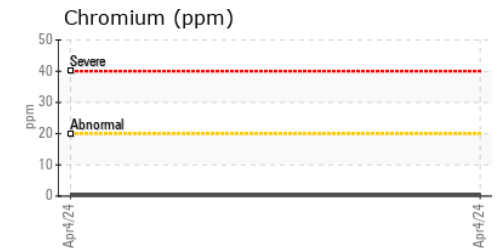
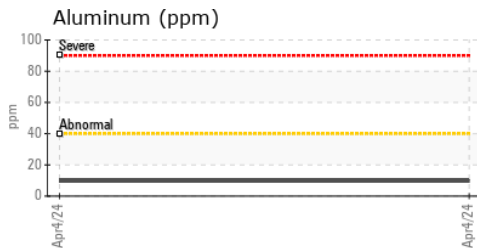
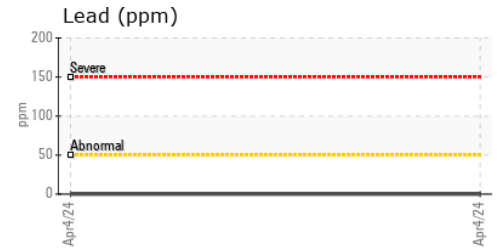
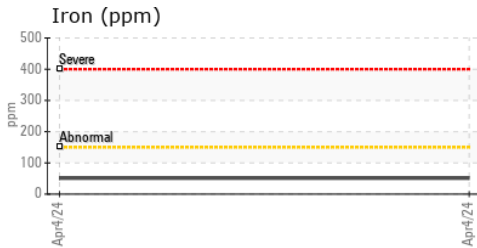
OIL ANALYSIS REPORT



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	>0.2	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	7.7	---	---

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WCM2007276

Lab Number : 06141522

Unique Number : 10966330

Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

Received : 08 Apr 2024

Tested : 11 Apr 2024

Diagnosed : 11 Apr 2024 - Jonathan Hester

SOUTHERN AUTOMOTIVE CONSULTING

P.O. BOX 730

CREEDMOOR, NC

US 27522

Contact: ANDREW MORTON

andymorton711@yahoo.com

T:

F:

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)