

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.

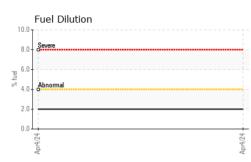
Fluid Condition

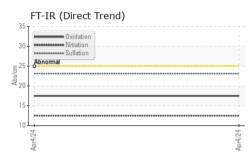
The AN level is acceptable for this fluid.

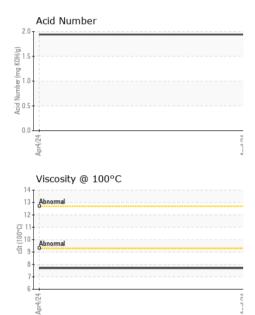
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCM2007276		
Sample Date		Client Info		04 Apr 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	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		
Boron Barium	ppm ppm	ASTM D5185m ASTM D5185m		6 0		
Barium	ppm	ASTM D5185m		0		
Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m		0 73		
Barium Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 73 10		
Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 73 10 444		
Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 73 10 444 1182	 	
Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 73 10 444 1182 659	 	
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 73 10 444 1182 659 757	 	
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >30	0 73 10 444 1182 659 757 2433	 	
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>30	0 73 10 444 1182 659 757 2433 current	 history1	 history2
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>30	0 73 10 444 1182 659 757 2433 current 22	 history1	 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>30 >400 >20	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1	 history1	 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>30 >400 >20	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1 1 <1	 history1 	 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>30 >400 >20 >4.0	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1 <1 <1 2.0	 history1 	 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>30 >400 >20 >4.0 limit/base	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1 22 1 <1 2.0 <i>current</i>	 history1 history1	 history2 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm %	ASTM D5185m ASTM D5185m	>30 >400 >20 >4.0 limit/base	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1 <1 2.0 <u>current</u> 0.1	 history1 history1 	 history2 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5824 ASTM D3524	>30 >400 >20 >4.0 limit/base >20	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1 <1 <1 2.0 <u>current</u> 0.1 12.5	 history1 history1 	 history2 history2
Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Fuel INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>30 >400 >20 >4.0 imit/base >20 >30 imit/base	0 73 10 444 1182 659 757 2433 <u>current</u> 22 1 <1 2.0 <u>current</u> 0.1 12.5 23.1	 history1 history1 history1	 history2 history2 history2



OIL ANALYSIS REPORT







VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
ellow 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		
Ddor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history
/isc @ 100°C	cSt	ASTM D445		7.7		
GRAPHS						
Iron (ppm)				Lead (ppm)		
T ;			200			
Severe			150	Severe		
			틆 100·			
Abnormal				Abnormal		
			50-	-		
54				24		
Apr4/24			Apr4/24 -	Apr4/24		
Aluminum (ppm)				Chromium (p	nm)	
Severe			50·		рш <i>у</i>	
P			40	Severe		
			E 30.			
Abnormal			e 30	Abnormal		
-			10-			
4				4		
Apr4/24			Apr4/24	Apr4/24		
Copper (ppm)				Silicon (ppm)		
TU			80	Severe		
Severe			60-	1		
Abnormal						
-			<u>특</u> 40·	Abnormal		
			20.			
L			- 0.	+		
Apr4/24			Apr4/24	Apr4/24		
Viscosity @ 100°C				Acid Number		
Abnormal			2.0·			
9			Đ 1.5-			
Abnormal			<u>ட</u> க 1.0-			
			qun o r			
			40,1.5- Bull X0H Nump at 1.0- Nump at 1.0- Nump at 1.0-			
24			0.0	24		
Apr4/24			Apr4/24	Apr4/24		
			-			
earCheck USA - 501 CM2007276	Madiso Recei		v, NC 27513 3 Apr 2024	SOUTH	ERN AUTOMOTIV	
L.N/2007276	Recei	wen • 08	Anr 202/			
5141522	Teste		Apr 2024		CP	P.O. BOX 7 EEDMOOR, I

 Treme Lawrence
 Unique Number
 : 10966330
 Diagnosed
 : 11 Apr 2024 - Jo

 Certificate L2367
 Test Package
 : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

 To discuss this sample report
 contact Customer Service at 1,800,227,1260

Laboratory Sample No. Lab Number

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)

Report Id: SOUCRE [WUSCAR] 06141522 (Generated: 04/11/2024 13:08:57) Rev: 1

Contact/Location: ANDREW MORTON - SOUCRE

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