

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

NISSAN 27279-010

Gasoline Engine

{not provided} (--- GAL)

Recommendation

No corrective action is recommended at this time.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

The AN level is acceptable for this fluid.

				Mar2024		
SAMPLE INFO	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCM2308215		
Sample Date		Client Info		31 Mar 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATI	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	2		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>40	2		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>155	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		57		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		45		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		510		
Calcium	ppm	ASTM D5185m		1025		
Phosphorus	ppm	ASTM D5185m		684		
Zinc	ppm	ASTM D5185m		769		
Sulfur	ppm	ASTM D5185m		2671		
CONTAMINAN [*]	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	29		
Sodium	ppm	ASTM D5185m	>400	2		
Potassium	ppm	ASTM D5185m	>20	2		
Fuel	%	ASTM D3524	>4.0	0.8		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0		
Nitration	Abs/cm	*ASTM D7624	>20	8.5		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.8		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	11.1		
Acid Number (AN)		ASTM D8045		1.57		
		220070				



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Laboratory Sample No.

Lab Number : 06134192

: WCM2308215 Unique Number: 10953657

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 29 Mar 2024 : 03 Apr 2024 Diagnosed

: 03 Apr 2024 - Jonathan Hester

PO BOX 2220 MISSION VIEJO, CA US 92690

Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: CHAD TREDWAY chad.nawest@gmail.com;northamericanwest@gmail.com T: (888)491-1080

NORTH AMERICAN WEST AUTOMOTIVE FORENSIC SERVICES

 st - 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)

F: (949)271-2360 Contact/Location: CHAD TREDWAY - NORLAD