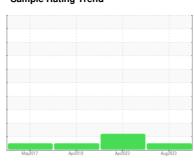


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



FORD 668 - 34003

Component

Gasoline Engine

GASOLINE ENGINE OIL SAE 5W20 (6 QTS)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Light fuel dilution occurring.

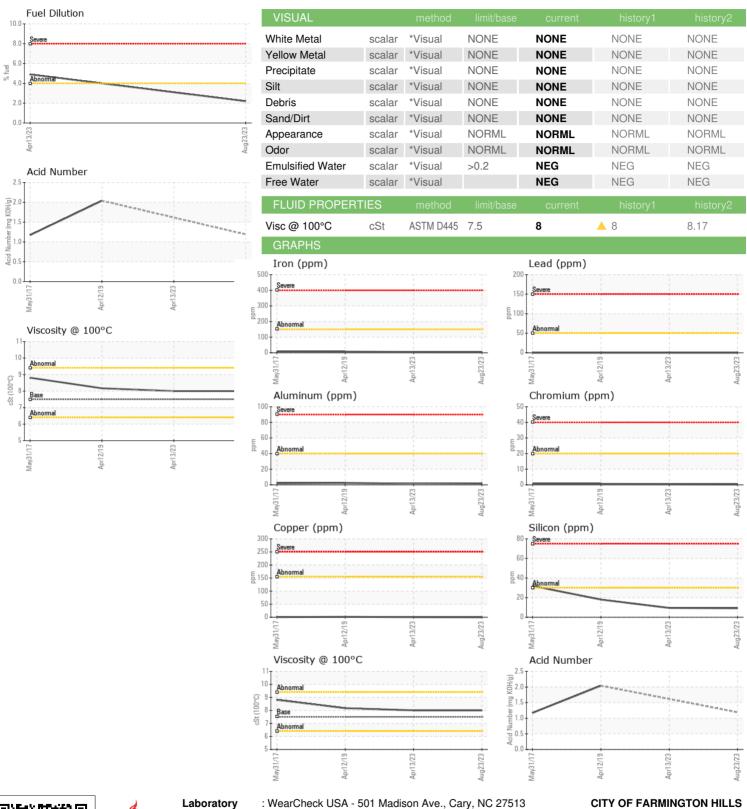
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in

3)		May201	7 Apr2019	Apr2023 Au	ıg2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RW0004478	RW0004317	RWM2322095
Sample Date		Client Info		23 Aug 2023	13 Apr 2023	12 Apr 2019
Machine Age	mls	Client Info		80628	78444	59956
Oil Age	mls	Client Info		2184	3707	1588
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL
CONTAMINATIO	V	method	limit/base	current	history1	history2
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	4	5	7
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>40	2	1	2
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>155	0	<1	2
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	75	84	84	9
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	100	72	73	46
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	12	512	537	545
Calcium	ppm	ASTM D5185m	2100	1052	1009	1447
Phosphorus	ppm	ASTM D5185m	650	722	719	637
Zinc	ppm	ASTM D5185m	850	847	834	700
Sulfur	ppm	ASTM D5185m	2500	3287	3455	3688
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	9	10	18
Sodium	ppm	ASTM D5185m	>50	6	12	6
Potassium	ppm	ASTM D5185m	>20	1	<1	<1
Fuel	%	ASTM D3524	>4.0	2.2	4.9	<1.0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	7.7	9.2	8.8
Sulfation	Abs/.1mm	*ASTM D7415		16.1	16.6	16.8
Sullation	AU3/.1111111					
FLUID DEGRADA		method	limit/base	current	history1	history2
FLUID DEGRADA	ATION	method				
			limit/base	current 9.5 1.19	history1 10.7	history2 12.1 2.04



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: 05937952 : 10628564

Received : RW0004478

Diagnosed

: 29 Aug 2023 : 30 Aug 2023 Diagnostician : Angela Borella

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

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