



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Machine Id
CHEVY 1
Component
Front Gasoline Engine
Fluid
JGR XP5 (14 QTS)

RECOMMENDATION

We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WCM1405665	WCM1405676	WCM1405666
Sample Date		Client Info		30 Apr 2023	25 Apr 2021	28 Apr 2019
Machine Age	hrs	Client Info		7	5	4
Oil Age	hrs	Client Info		4	2	4
Filter Age	hrs	Client Info		4	2	4
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>150	18	15	18
Chromium	ppm	ASTM D5185m	>20	1	1	<1
Nickel	ppm	ASTM D5185m	>5	1	<1	2
Titanium	ppm	ASTM D5185m		33	19	25
Silver	ppm	ASTM D5185m	>2	0	<1	<1
Aluminum	ppm	ASTM D5185m	>40	42	37	20
Lead	ppm	ASTM D5185m	>50	764	375	366
Copper	ppm	ASTM D5185m	>155	64	35	66
Tin	ppm	ASTM D5185m	>10	1	<1	0
Vanadium	ppm	ASTM D5185m		1	1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

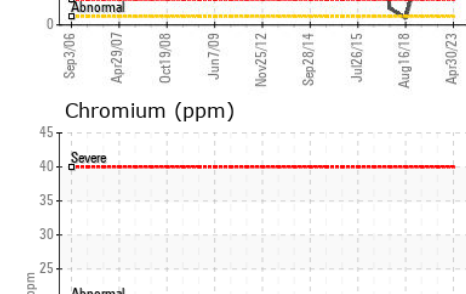
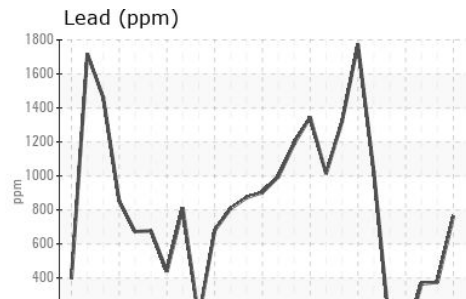
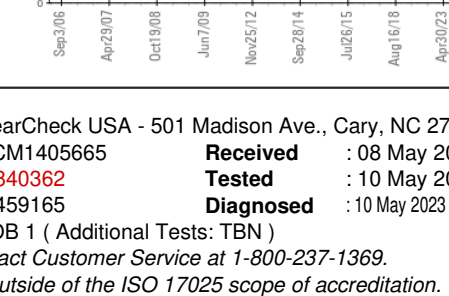
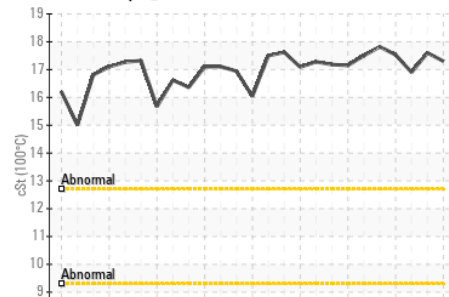
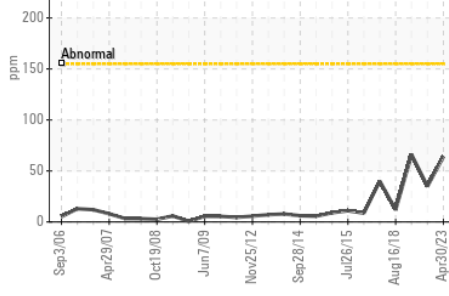
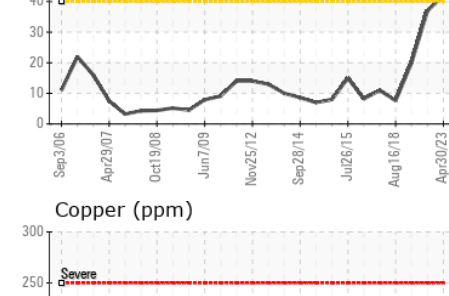
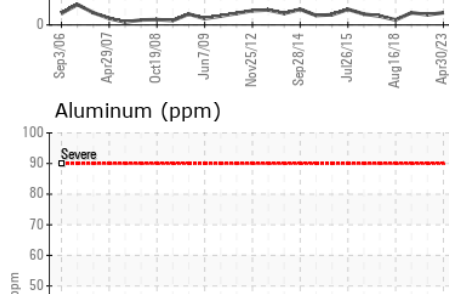
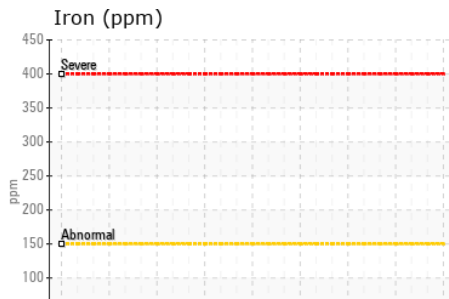
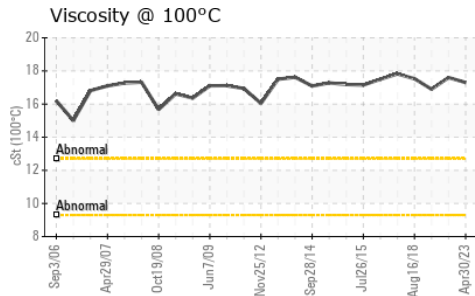
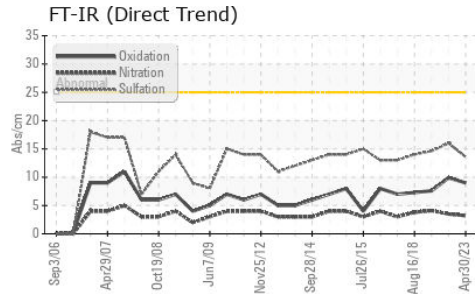
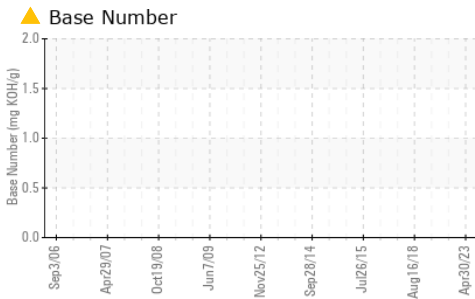
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>30	21	13	19
Potassium	ppm	ASTM D5185m	>20	3	<1	6
Fuel		WC Method	>4.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844		0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	3.2	3.5	4.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	13.6	16	14.6
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

The BN level is low.

Sodium	ppm	ASTM D5185m	>400	13	18	91
Boron	ppm	ASTM D5185m		10	18	<1
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		270	296	16
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		23	9	47
Calcium	ppm	ASTM D5185m		638	600	1491
Phosphorus	ppm	ASTM D5185m		1144	1056	1479
Zinc	ppm	ASTM D5185m		1326	1175	1752
Sulfur	ppm	ASTM D5185m		6650	4648	6853
Oxidation	Abs/.1mm	*ASTM D7414	>25	9.0	9.9	7.6
Base Number (BN)	mg KOH/g	ASTM D2896		▲ 1.7	---	---
Visc @ 100°C	cSt	ASTM D445		17.3	17.6	16.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WCM1405665 **Received** : 08 May 2023
Lab Number : 05840362 **Tested** : 10 May 2023
Unique Number : 10459165 **Diagnosed** : 10 May 2023 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: TBN)

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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