



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
CHEVROLET 13519
Component
Rear Differential
Fluid
SAE 5W30 (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

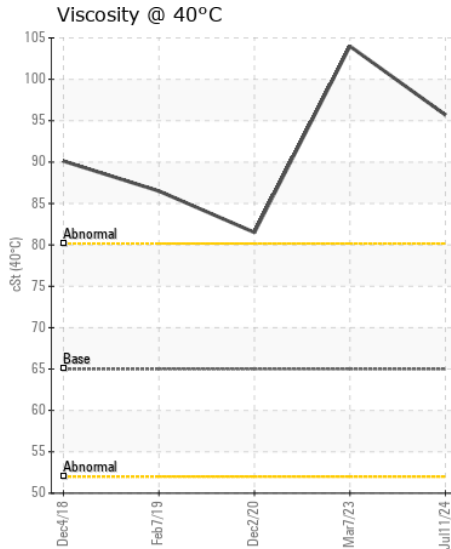
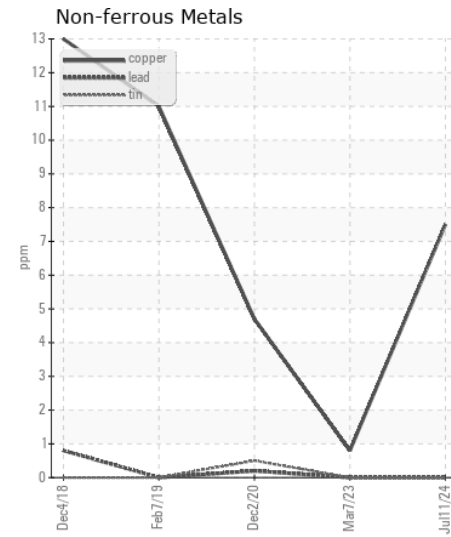
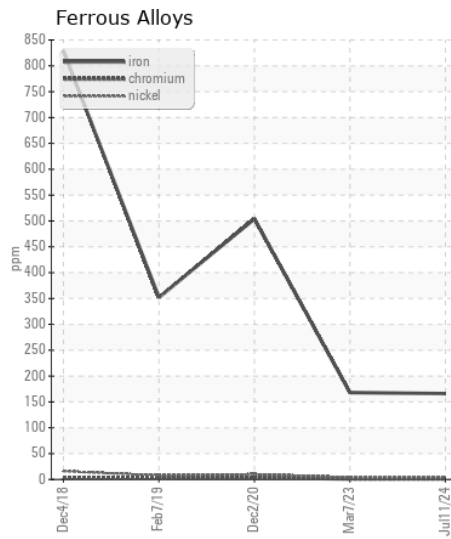
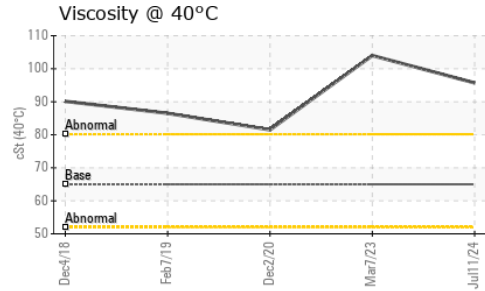
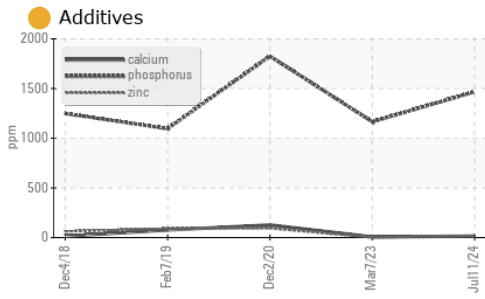
Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0950557	WC0716075	WC0464503
Sample Date		Client Info		11 Jul 2024	07 Mar 2023	02 Dec 2020
Machine Age	mls	Client Info		193627	156646	175684
Oil Age	mls	Client Info		0	0	22384
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	Changed	Changed
Sample Status				ATTENTION	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>500	166	168	▲ 504
Chromium	ppm	ASTM D5185m	>10	1	1	3
Nickel	ppm	ASTM D5185m	>10	5	4	10
Titanium	ppm	ASTM D5185m		<1	0	1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	10	2	23
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>100	8	<1	5
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	51	17	72
Potassium	ppm	ASTM D5185m	>20	2	0	2
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	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	>.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		7	4	20
Boron	ppm	ASTM D5185m		256	154	122
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	3	3
Manganese	ppm	ASTM D5185m		6	4	14
Magnesium	ppm	ASTM D5185m		4	2	8
Calcium	ppm	ASTM D5185m		15	6	127
Phosphorus	ppm	ASTM D5185m		1467	1165	1825
Zinc	ppm	ASTM D5185m		16	0	94
Sulfur	ppm	ASTM D5185m		22724	24557	14079
Visc @ 40°C	cSt	ASTM D445	65.0	95.7	104	81.5



Certificate L2367

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

Sample No. : WC0950557

Lab Number : 06240739

Unique Number : 11129573

Test Package : CONST

Received : 18 Jul 2024

Tested : 19 Jul 2024

Diagnosed : 20 Jul 2024 - Don Baldrige

SULLIVAN EASTERN INC

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US 27560

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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)