WEAR CONTAMINATION **FLUID CONDITION** **ATTENTION ABNORMAL NORMAL**

OIL ANALYSIS REPORT

Machine Id

CHEVROLET COLORADO 2005 CHEVY COLORADO

Gasoline Engine

TRC PRO-SPEC MULTI VISC 5W30 (6 QTS)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.	Sample Number	OOW	Client Info	LITTION	TR06221443	TR05875098	
	Sample Date		Client Info		19 Jun 2024	08 Jun 2023	08 Aug 2022
	Machine Age	mls	Client Info		160326	149760	139795
	Oil Age	mls	Client Info		10566	9965	9460
	Filter Age	mls	Client Info		10566	9965	9460
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR	Iron	ppm	ASTM D5185m	>150	148	74	43
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>20	2	1	1
	Nickel	ppm	ASTM D5185m	>5	<1	<1	<1
	Titanium	ppm	ASTM D5185m		<1	<1	<1
	Silver	ppm	ASTM D5185m	>2	0	0	0
	Aluminum	ppm	ASTM D5185m	>40	11	6	7
	Lead	ppm	ASTM D5185m	>50	0	0	<1
	Copper	ppm	ASTM D5185m	>155	7	5	4
	Tin	ppm	ASTM D5185m	>10	0	<1	<1
	Vanadium	ppm	ASTM D5185m		<1	<1	<1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>30	4 0	△ 35	△ 35
Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress.	Potassium	ppm	ASTM D5185m	>20	2	1	4
	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	19.1	18.7	19.2
	Sulfation	Abs/.1mm	*ASTM D7415	>30	30.8	31.4	32.2
	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	Sodium	ppm	ASTM D5185m	>400	6	6	6
The BN regult indicates that there is quitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		25	27	28
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		198	241	243
	Manganese	ppm	ASTM D5185m		1	2	1
	Magnesium	ppm	ASTM D5185m		479	457	329
	Calcium	ppm	ASTM D5185m		1464	1470	1330
	Phosphorus	ppm	ASTM D5185m		674	682	585
	Zinc	ppm	ASTM D5185m	800	959	876	727
	Sulfur	ppm	ASTM D5185m		2156	2486	1804
	Oxidation	Abs/.1mm	*ASTM D7414		34.2	33.9	▲ 33.1
	Base Number (BN)	mg KOH/g	ASTM D2896	15	3.82	5.49	3.42

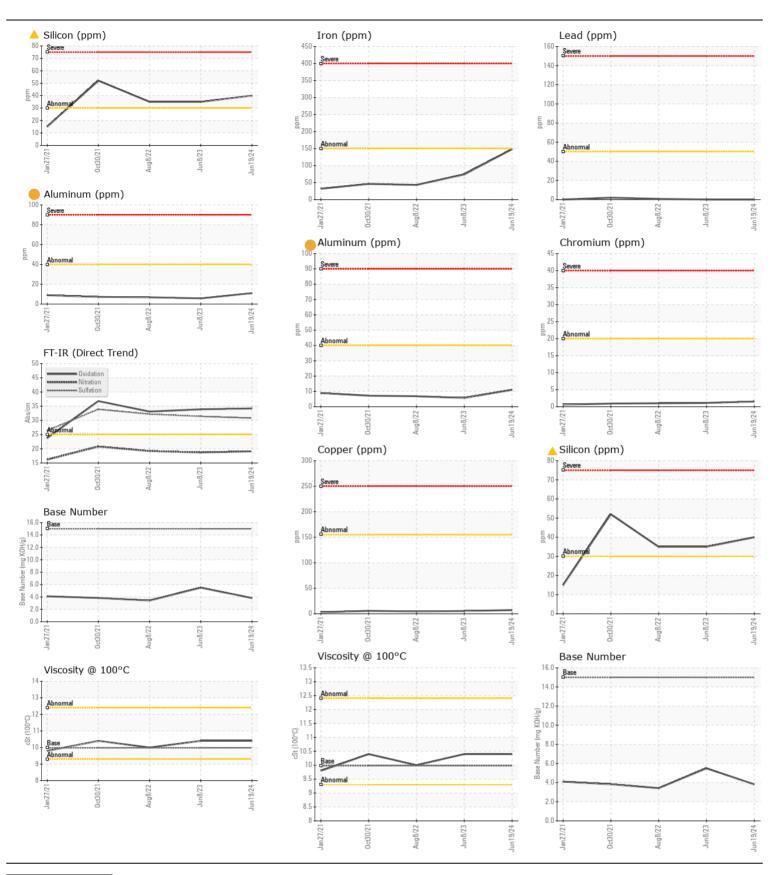
Visc @ 100°C cSt

ASTM D445 9.98

10.4

10.4

10.0





Certificate L2367

Laboratory

Sample No. Lab Number : 06221443

: TR06221443 Unique Number : 11099640 Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Jun 2024 **Tested** : 27 Jun 2024

Diagnosed

: 27 Jun 2024 - Sean Felton

PRECISION FARMS LLC

PO BOX 217 LEIGH, NE US 68643

Contact: ADAM COURTNEY

To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - 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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F: