**WEAR** CONTAMINATION **FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

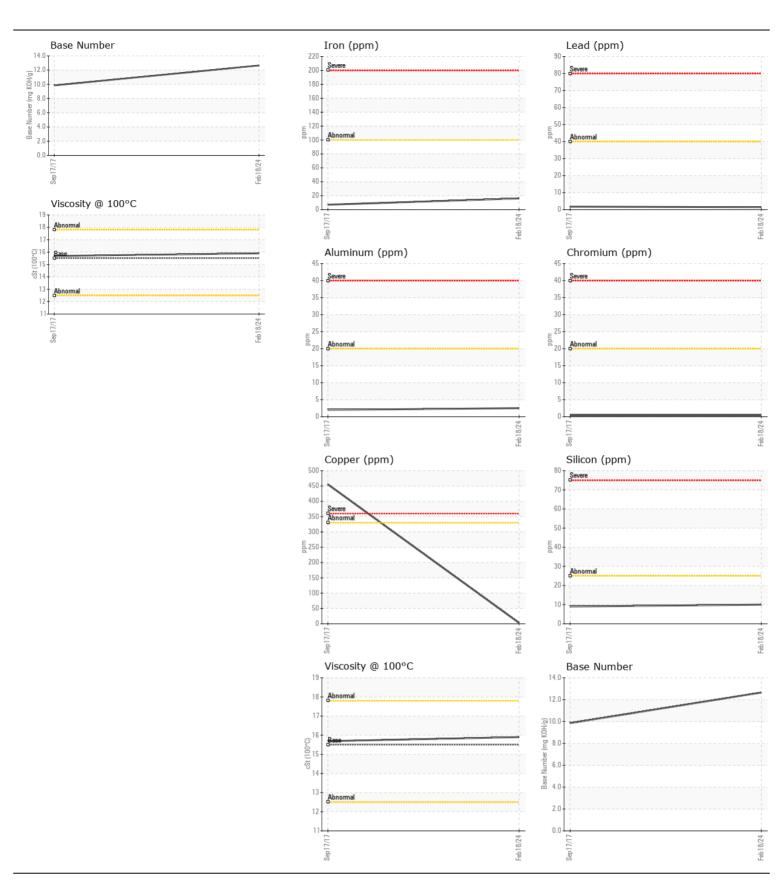
**OIL ANALYSIS REPORT** 

Machine Id

## **CHEVY 61244166**

Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History
Sample Number		Client Info		TR06102562	TR04311048	
Sample Date		Client Info		18 Feb 2024	17 Sep 2017	
Machine Age	hrs	Client Info		181015	131491	
Oil Age	hrs	Client Info		10240	10019	
Filter Age	hrs	Client Info		10240	10019	
Oil Changed		Client Info		Changed	Not Changd	
Filter Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	ABNORMAL	
Iron	mag	ASTM D5185m	>100	16	7	
			77			
			~3			
			-			
			>10			
			NONE			
				_		
Yellow Metal	scalar	visuai	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>25	10	9	
Potassium	ppm	ASTM D5185m	>20	2	2	
Fuel		WC Method	>5	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
Soot %	%	*ASTM D7844	>3	0.2	0	
Nitration	Abs/cm	*ASTM D7624	>20	10.2	7.	
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.4	15.	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
<b>Emulsified Water</b>	scalar	*Visual	>0.2	NEG	NEG	
Sodium	nnm	AQTM DE195m		າ	6	
-						
-						
-						
•						
			05			
Oxidation	Abs/.1mm	*ASTM D7414	>25	12.6	10.	
Base Number (BN)		AOTH DOOG		12.65	9.85	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status  Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm Sulfur ppm Sulfur ppm Sulfur ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Client Info Client Info Client Info Client Info Client Info Filter Age Oil Changed Filter Changed Sample Status  Iron Ppm ASTM D5185m Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Titanium Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Silicon Ppm ASTM D5185m Potassium Ppm ASTM D5185m Fuel WC Method Water WC Method Water WC Method Soot % % "ASTM D7844 Nitration Abs/.1mm ASTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm ASTM D5185m Potissin Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual	Sample Number   Client Info   Sample Date   Client Info   Machine Age   hrs   Client Info   Oil Age   hrs   Client Info   Oil Age   hrs   Client Info   Oil Changed   hrs   Client Info   Oil Changed   Client Info   Client Info   Oil Changed   Client Info   Client Info   Sample Status   Sample Status   Sample Status   Iron   ppm   ASTM D5185m   >20   Nickel   ppm   ASTM D5185m   >4   Titanium   ppm   ASTM D5185m   >3   Aluminum   ppm   ASTM D5185m   >3   Aluminum   ppm   ASTM D5185m   >40   Copper   ppm   ASTM D5185m   >15   Vanadium   ppm   ASTM D5185m   >15   Vanadium   ppm   ASTM D5185m   Vanadium   ppm   ASTM D5185m   >20   Potassium   ppm   ASTM D5185m   >20   Potassium   ppm   ASTM D5185m   >20   Fuel   WC Method   >5   VC Method   Soot %   %   "ASTM D5185m   >20   WC Method   Soot %   %   "ASTM D7624   >20   Sulfation   Abs/cm   "ASTM D7624   >20   Sulfation   Abs	Sample Number         Client Info         TR06102562           Sample Date         Client Info         18 Feb 2024           Machine Age         hrs         Client Info         181015           Oil Age         hrs         Client Info         10240           Filter Age         hrs         Client Info         10240           Gil Changed         Client Info         Changed           Filter Changed         Client Info         Changed           Sample Status         Client Info         Changed           Iron         ppm         ASTM D5185m         -100         16           Chromium         ppm         ASTM D5185m         -20         -1           Nickel         ppm         ASTM D5185m         -3         0           Aluminum         ppm         ASTM D5185m         -3         0           Aluminum         ppm         ASTM D5185m         -30         0           Aluminum         ppm         ASTM D5185m         -20         2           Lead         ppm         ASTM D5185m         -20         2           Lead         ppm         ASTM D5185m         -20         1           Copper         ppm         ASTM D5185m <td< td=""><td>  Sample Number   Client Info   Sample Date   Client Info   18 Feb 2024   17 Sep 2017   181015   131491   101019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10</td></td<>	Sample Number   Client Info   Sample Date   Client Info   18 Feb 2024   17 Sep 2017   181015   131491   101019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10019   10







Certificate L2367

Report Id: EAGGAL [WUSCAR] 06102562 (Generated: 02/29/2024 09:25:22) Rev: 1

Laboratory Sample No.

Lab Number : 06102562 Unique Number : 10900792

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TR06102562

Test Package : MOB 2

Received : 27 Feb 2024 : 29 Feb 2024 **Tested** : 29 Feb 2024 - Wes Davis Diagnosed

**EAGLE CREEK COLONY** 

333 2100 ROAD SOUTH BOX 78

GALATA, MT US 59444

Contact: MARK OPHEIM

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)

F: (406)432-2582