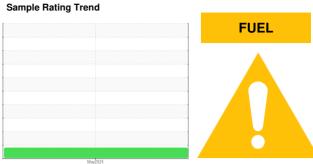


# **OIL ANALYSIS REPORT**



Machine Id

# CAIG100256

Diesel Engine

**CHEVRON 15W40 (--- QTS)** 

## **DIAGNOSIS**

#### Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the component make and model with your next sample.

#### Wear

All component wear rates are normal.

### Contamination

Light fuel dilution occurring. No other contaminants were detected in the oil.

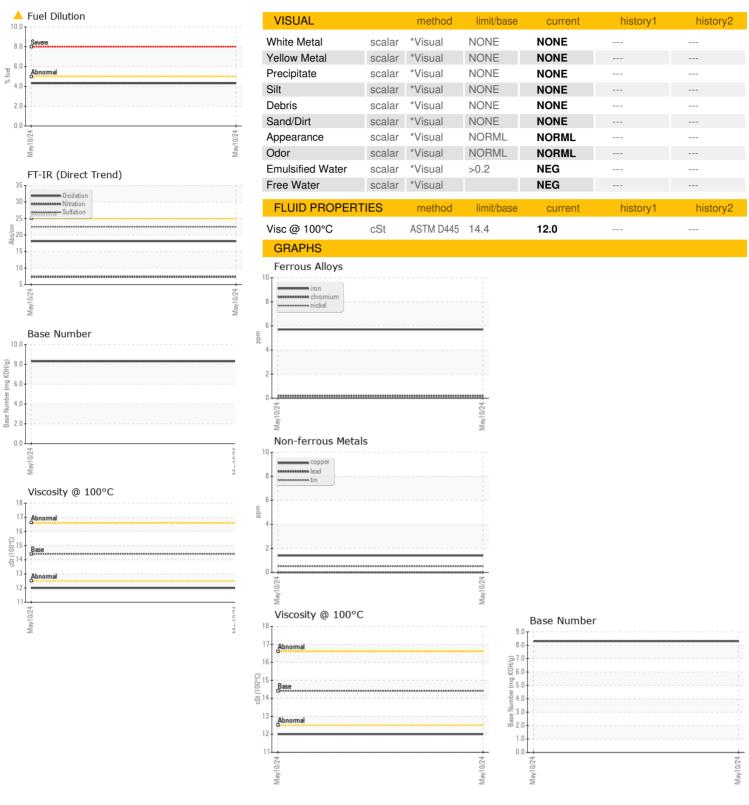
### **Fluid Condition**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	ourront	hictory1	history?
	VIATION		IIIIIIVDase	current	history1	history2
Sample Number		Client Info		WC0905012		
Sample Date		Client Info		10 May 2024		
Machine Age	hrs	Client Info		5041		
Oil Age	hrs	Client Info		1500		
Oil Changed		Client Info		Changed		
Sample Status				MARGINAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	6		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	4		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		379		
Barium	ppm	ASTM D5185m		1		
Molybdenum	ppm	ASTM D5185m		134		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		662		
Calcium	ppm	ASTM D5185m		1514		
Phosphorus	ppm	ASTM D5185m		721		
Zinc	ppm	ASTM D5185m		856		
Sulfur	ppm	ASTM D5185m		2539		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5		
Sodium	ppm	ASTM D5185m	>50	0		
Potassium	ppm	ASTM D5185m	>20	2		
Fuel	%	ASTM D3524	>5	<b>4.3</b>		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	7.3		
Sulfation	Abs/.1mm	*ASTM D7415		22.5		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		18.1		
Base Number (BN)	mg KOH/g	ASTM D2896		8.3		
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## **OIL ANALYSIS REPORT**





Certificate 12367

Laboratory Sample No.

: WC0905012 Lab Number : 06204164 Unique Number : 11071625

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Jun 2024 **Tested** : 13 Jun 2024

Diagnosed : 13 Jun 2024 - Wes Davis

Test Package: FLEET (Additional Tests: FuelDilution, 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)

Contact/Location: JORDAN JOHNSTON - DOLGUL

**DOLE FRESH FRUIT** 

Contact: JORDAN JOHNSTON

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