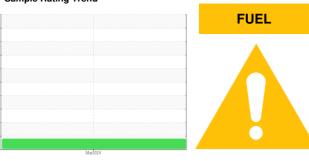


# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# CAIG100262

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.

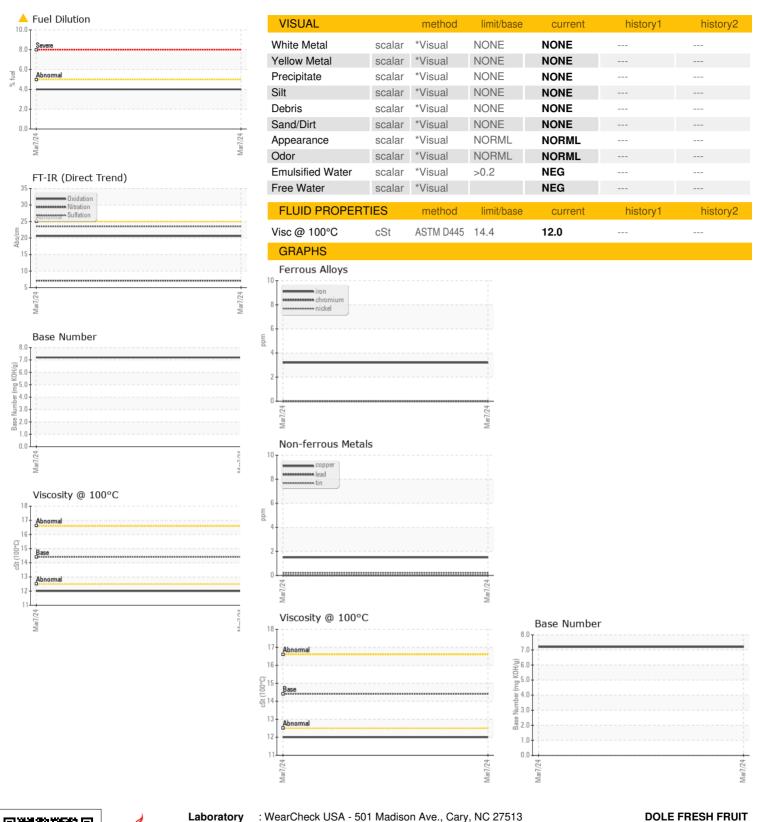
### **Fluid Condition**

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

				Mar2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0880915		
Sample Date		Client Info		07 Mar 2024		
Machine Age	hrs	Client Info		4937		
Oil Age	hrs	Client Info		1500		
Oil Changed		Client Info		Changed		
Sample Status				MARGINAL		
CONTAMINATION	J	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	3		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	3		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	2		
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		328		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		117		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		638		
Calcium	ppm	ASTM D5185m		1445		
Phosphorus	ppm	ASTM D5185m		705		
Zinc	ppm	ASTM D5185m		813		
Sulfur	ppm	ASTM D5185m		2700		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m	>50	3		
Potassium	ppm	ASTM D5185m	>20	0		
Fuel	%	ASTM D3524	>5	<b>4.0</b>		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624		7.1		
Sulfation	Abs/.1mm	*ASTM D7415		23.5		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		20.6		
	mg KOH/g		725			
Base Number (BN)		ASTM D2896		7.2		



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: WC0880915 Lab Number : 06137932

Unique Number : 10962740

Received **Tested** Diagnosed

: 03 Apr 2024 : 08 Apr 2024

: 08 Apr 2024 - Wes Davis Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

PO BOX 1689 GULFPORT, MS US 39502 Contact: JORDAN JOHNSTON jordan.johnston@dole.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.  $^st$  - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (228)867-2970 Contact/Location: JORDAN JOHNSTON - DOLGUL