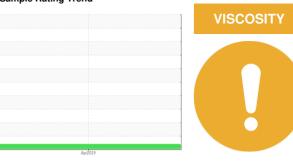


# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id **SZLG233029** 

Diesel Engine

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

#### DIAGNOSIS

#### Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

#### Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

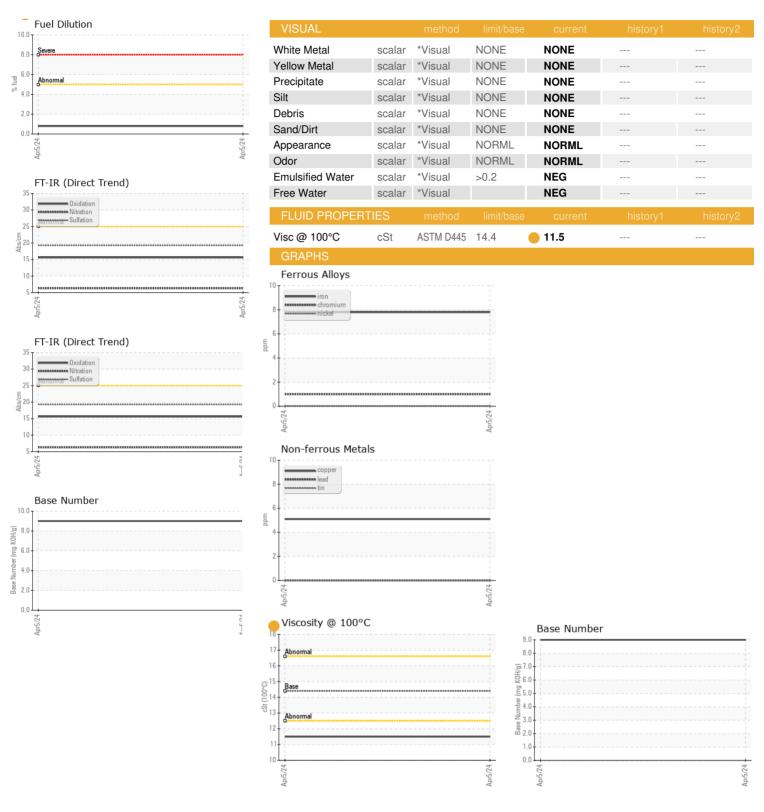
### Fluid Condition

The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0905050		
Sample Date		Client Info		05 Apr 2024		
Machine Age	hrs	Client Info		1036		
Oil Age	hrs	Client Info		1500		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
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	8		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m		3		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	5		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m	7.0	0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		142		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		64		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		439		
Calcium	ppm	ASTM D5185m		1904		
Phosphorus	ppm	ASTM D5185m		1102		
Zinc	ppm	ASTM D5185m		1318		
Sulfur	ppm	ASTM D5185m		4194		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m	>50	4		
Potassium	ppm	ASTM D5185m	>20	<1		
Fuel	%	ASTM D3524	>5	0.8		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	6.3		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.3		
FLUID DEGRADA	ATION _	method	limit/base	current	history1	
					history1	history2
FLUID DEGRADA Oxidation Base Number (BN)	ATION  Abs/.1mm  mg KOH/g	method *ASTM D7414 ASTM D2896	limit/base >25	current 15.6 9.0		



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: WC0905050 Lab Number : 06149425 Unique Number : 10979503

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Apr 2024 **Tested** 

Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel) To discuss this sample report, contact Customer Service at 1-800-237-1369.

: 19 Apr 2024 Diagnosed : 19 Apr 2024 - Don Baldridge

PO BOX 1689 GULFPORT, MS US 39502 Contact: JORDAN JOHNSTON

**DOLE FRESH FRUIT** 

jordan.johnston@dole.com T:

 $^st$  - 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: (228)867-2970

Contact/Location: JORDAN JOHNSTON - DOLGUL