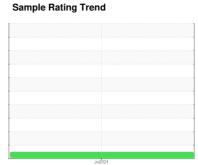


# **OIL ANALYSIS REPORT**



NORMAL



IRIS
Component
1 Diesel Engine

Machine Id

CHEVRON DELO 400 MULTIGRADE 15W40 (--- GAL

#### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

### Wear

All component wear rates are normal.

## Contamination

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

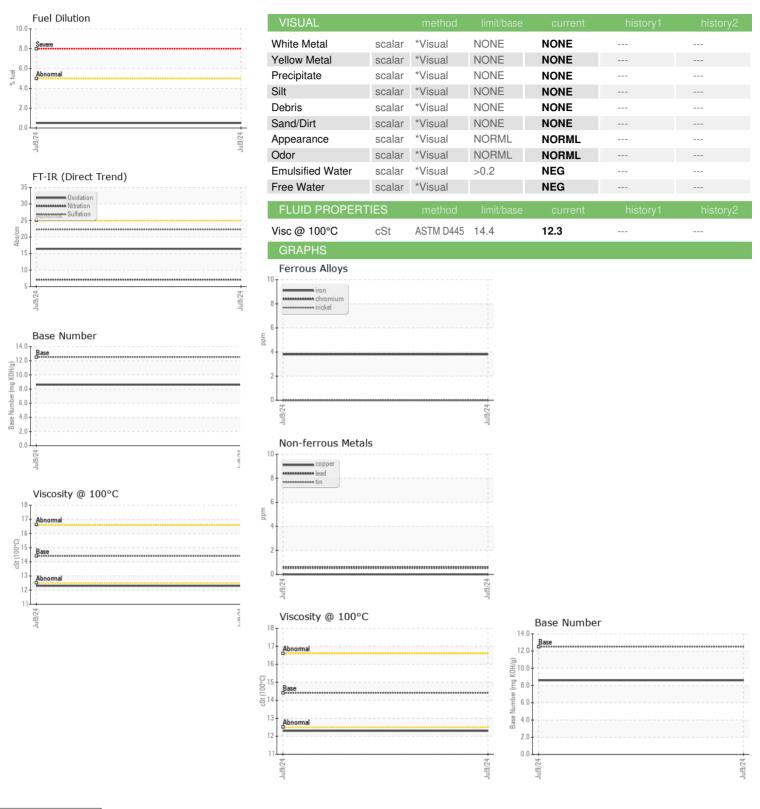
## **Fluid Condition**

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

0 ( GAL)				Jul2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0727911		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		5280		
Oil Age	hrs	Client Info		500		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	٧	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	4		
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	4		
Lead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>330	0		
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	151	257		
Barium	ppm	ASTM D5185m	0.4	0		
Molybdenum	ppm	ASTM D5185m	250	123		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	0	688		
Calcium	ppm	ASTM D5185m	2046	1531		
Phosphorus	ppm	ASTM D5185m	1043	794		
Zinc	ppm	ASTM D5185m	943	901		
Sulfur	ppm	ASTM D5185m	5012	3009		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
Fuel	%	ASTM D3524	>5	0.5		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1		
Soot % Nitration	% Abs/cm	*ASTM D7844 *ASTM D7624	>3 >20	0.1 7.1		
Nitration	Abs/cm Abs/.1mm	*ASTM D7624	>20	7.1		
Nitration Sulfation	Abs/cm Abs/.1mm	*ASTM D7624 *ASTM D7415	>20 >30	7.1 22.3		



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

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

: WC0727911 Lab Number : 06237268

Unique Number : 11126102

Received **Tested** Diagnosed

: 18 Jul 2024 : 18 Jul 2024 - Wes Davis

: 15 Jul 2024

Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

Contact: GREG JOSEY gjosey@associatedterminals.com

**ASSOCIATED TERMINALS - CRANE** 

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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Contact/Location: GREG JOSEY - STJCONKL

F: (225)562-3515

CONVENT, LA

US 70723

T: