

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# **DETROIT EAST TOWER - DETROIT**

Component **Diesel Engine** 

**CHEVRON 15W40 (--- GAL)** 

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### Recommendation

Resample at the next service interval to monitor.

Metal levels are typical for a new component breaking in.

### Contamination

There is no indication of any contamination in the

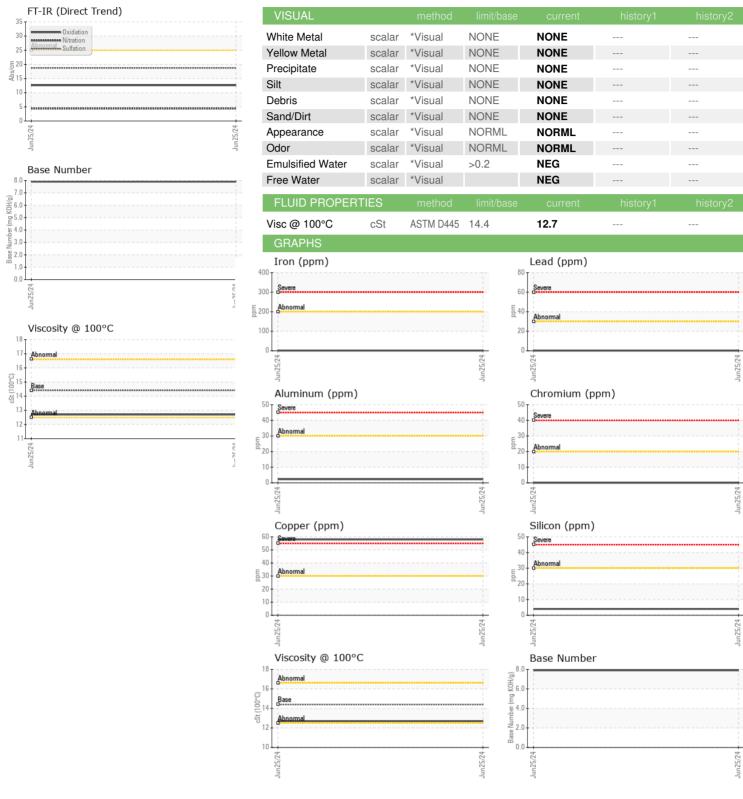
### **Fluid Condition**

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

				Jun 2024		
	4471011					
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0827475		
Sample Date		Client Info		25 Jun 2024		
Machine Age	hrs	Client Info		343		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	1	method	limit/base	current	history1	history2
-uel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>200	<1		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>30	2		
_ead	ppm	ASTM D5185m	>30	<1		
Copper	ppm	ASTM D5185m	>30	58		
Γin	ppm	ASTM D5185m	>15	0		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		401		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		83		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		418		
Calcium	ppm	ASTM D5185m		1375		
Phosphorus	ppm	ASTM D5185m		980		
Zinc	ppm	ASTM D5185m		1177		
Sulfur	ppm	ASTM D5185m		3740		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	4		
Sodium	ppm	ASTM D5185m	>50	1		
Potassium	ppm	ASTM D5185m	>20	3		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0		
Nitration	Abs/cm	*ASTM D7624	>20	4.4		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.7		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
FLUID DEGRADA	ATION Abs/.1mm	method *ASTM D7414	limit/base >25	current 12.6	history1	history2



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0827475 Lab Number : 06220578

Unique Number : 11098775

Received **Tested** Test Package : MOB 1 ( Additional Tests: TBN )

: 27 Jun 2024 Diagnosed

: 27 Jun 2024 - Wes Davis

**NIGHTINGALE REALTY** 1500 MARKET ST PHILADELPHIA, PA US 19102 Contact: PHILLIP FLIPPELO

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.

: 25 Jun 2024

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: PHILLIP FLIPPELO - NIGPHI

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