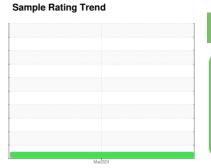


# **OIL ANALYSIS REPORT**

[71228] 73591114

**Diesel Engine** 

**DIESEL ENGINE OIL SAE 15W40 (--- GAL)** 





### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 15W40. Please confirm.

Metal levels are typical for a new component breaking in.

### Contamination

There is no indication of any contamination in the

### **Fluid Condition**

The condition of the oil is acceptable for the time in service.

				Mar2024	<u>'</u>	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		CU0021945		
Sample Date		Client Info		04 Mar 2024		
Machine Age	hrs	Client Info		800		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>90	29		
Chromium	ppm	ASTM D5185(m)	>20	1		
Nickel	ppm	ASTM D5185(m)	>2	<1		
Titanium	ppm	ASTM D5185(m)	>2	0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>20	4		
Lead	ppm	ASTM D5185(m)	>40	2		
Copper	ppm	ASTM D5185(m)	>330	2		
Tin	ppm	ASTM D5185(m)	>15	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	250	33		
Barium	ppm	ASTM D5185(m)	10	0		
Molybdenum	ppm	ASTM D5185(m)	100	7		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	450	88		
Calcium	ppm	ASTM D5185(m)	3000	2235		
Phosphorus	ppm	ASTM D5185(m)	1150	969		
Zinc	ppm	ASTM D5185(m)		1185		
Sulfur	ppm	ASTM D5185(m)	4250	3216		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	3		
Sodium	ppm	ASTM D5185(m)	>158	3		
Potassium	ppm	ASTM D5185(m)	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>6	2.5		
Nitration	Abs/cm	ASTM D7624*	>20	12.0		
Sulfation	Abs/.1mm	ASTM D7415*	>30	28.0		



## **OIL ANALYSIS REPORT**





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Unique Number : 5746422

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Lab Number : 02621303

: CU0021945

Received **Tested** 

: 12 Mar 2024

: 12 Mar 2024

: 12 Mar 2024 - Wes Davis

Diagnosed

Test Package : MOB 1 (Additional Tests: KV40, VI) To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

**CUMMINS EASTERN CANADA LP** 

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