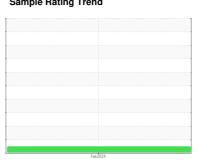


# **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



# TICO 8248956

Component

Diesel Engine

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

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

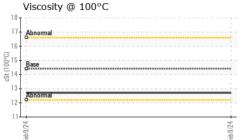
### **Fluid Condition**

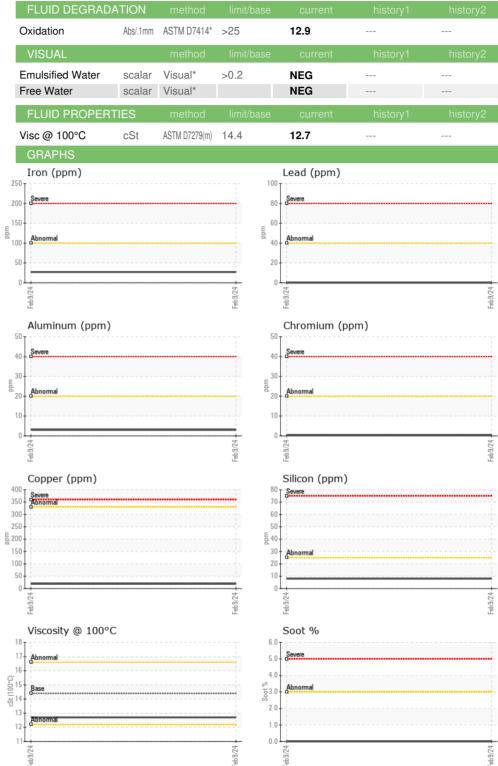
The condition of the oil is acceptable for the time in service.

)				Feb 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	I/(IIIOIV	Client Info	mmoasc	WC0889849		
Sample Number Sample Date		Client Info		09 Feb 2024		
Machine Age	hrs	Client Info		1200		
Oil Age	hrs	Client Info		0		
Oil Changed	1113	Client Info		Changed		
Sample Status		Oliciti IIIIo		NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<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)	>100	27		
Chromium	ppm	ASTM D5185(m)		<1		
Nickel	ppm	ASTM D5185(m)	>4	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>3	0		
Aluminum	ppm	. ,	>20	3		
Lead	ppm	ASTM D5185(m)	>40	0		
Copper	ppm	ASTM D5185(m)		19		
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	5		
Barium	ppm	ASTM D5185(m)	10	1		
Molybdenum	ppm	ASTM D5185(m)	100	9		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	450	33		
Calcium	ppm	ASTM D5185(m)	3000	2204		
Phosphorus	ppm	ASTM D5185(m)	1150	830		
Zinc	ppm	ASTM D5185(m)	1350	982		
Sulfur	ppm	ASTM D5185(m)	4250	2856		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	8		
Sodium	ppm	ASTM D5185(m)	>158	2		
Potassium	ppm	ASTM D5185(m)	>20	1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0		
Nitration	Abs/cm	ASTM D7624*	>20	8.7		
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.1		



## **OIL ANALYSIS REPORT**







CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02623921 Unique Number : 5749040

: WC0889849

Test Package : MOB 1

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 22 Mar 2024 : 22 Mar 2024 **Tested** : 22 Mar 2024 - Wes Davis

Diagnosed

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.

**BRITANNIA FLEET SERVICES** 

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