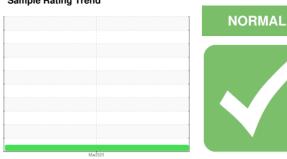


# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id
HINO 367300
Component
Diesel Engine

SAE 15W40 (--- GAL)

-	ΙА	G۲	NIC	151	-
	-	СΠ	$\mathbf{v}$	$\sim$	-

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil

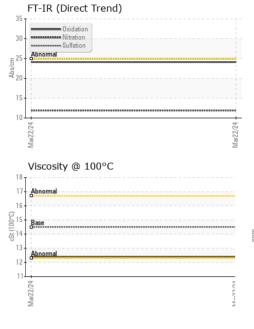
### **Fluid Condition**

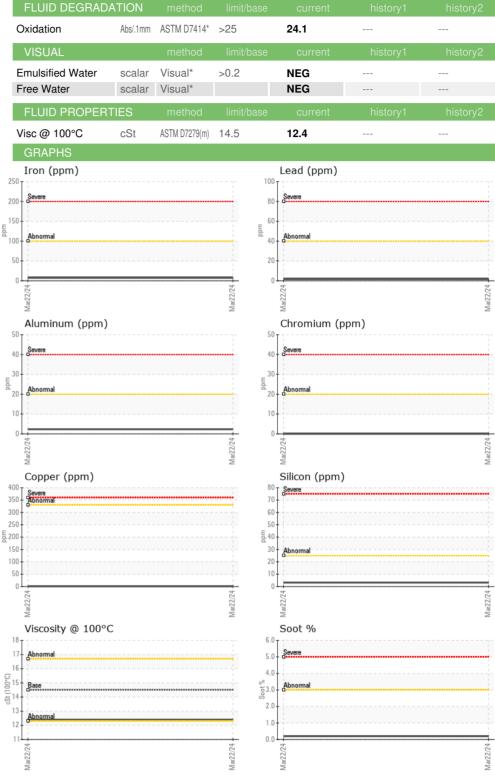
The condition of the oil is acceptable for the time in service.

				Mar2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
	7///1011		IIIIIIIIIII			
Sample Number		Client Info		WC0889847		
Sample Date		Client Info		22 Mar 2024		
Machine Age	kms	Client Info		0		
Oil Age	kms	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	١	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	7		
Chromium	ppm	ASTM D5185(m)	>20	0		
Nickel	ppm	ASTM D5185(m)	>4	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>3	0		
Aluminum	ppm	ASTM D5185(m)	>20	2		
Lead	ppm	ASTM D5185(m)	>40	2		
Copper	ppm	ASTM D5185(m)	>330	<1		
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)		30		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		85		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		17		
Calcium	ppm	ASTM D5185(m)		2110		
Phosphorus	ppm	ASTM D5185(m)		823		
Zinc	ppm	ASTM D5185(m)		979		
Sulfur	ppm	ASTM D5185(m)		2914		
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)	>57	3		
Potassium	ppm	ASTM D5185(m)	>20	<1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0.2		
Nitration	Abs/cm	ASTM D7624*	>20	11.9		
Sulfation	Abs/.1mm	ASTM D7415*	>30	24.9		



## **OIL ANALYSIS REPORT**







CALA ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Sample No. Lab Number : 02628423

: WC0889847 Unique Number : 5761555

Received **Tested** Diagnosed

: 12 Apr 2024 : 12 Apr 2024 - Wes Davis

: 12 Apr 2024

Test Package : MOB 1 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** 

1831 SHAWSON DRIVE (SHOP) MISSISSAUGA, ON

**CA L4W 1T9** 

Contact: Tania Henriques tania.henriques@britanniafleet.ca

T: (905)670-4545 F: (905)670-9036