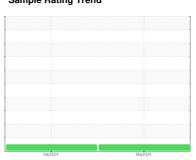


# **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



Machine Id **2269** 

Component **Natural Gas Engine** 

**VALVOLINE PREMIUM BLUE 9200 15W40** 

### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Metal levels are typical for a new component breaking in.

### Contamination

There is no indication of any contamination in the

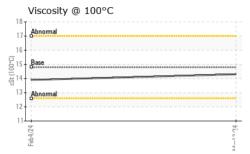
### **Fluid Condition**

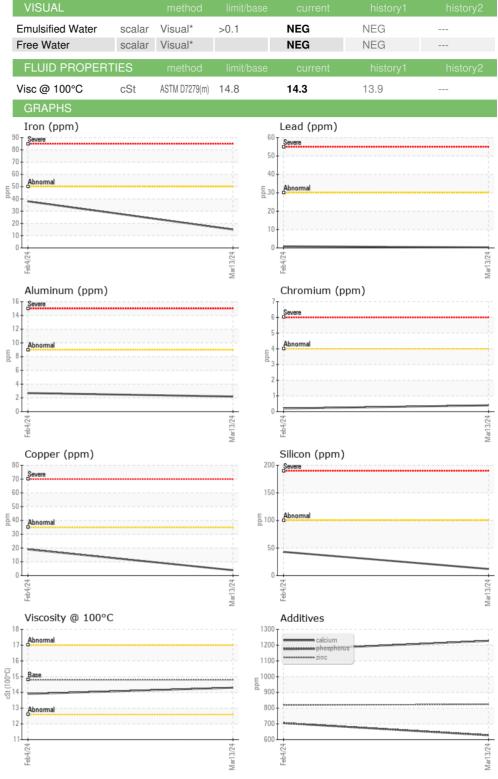
The condition of the oil is acceptable for the time in service.

GAL)			Feb2024	Mar2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0917635	WC0890965	
Sample Date		Client Info		13 Mar 2024	04 Feb 2024	
Machine Age	kms	Client Info		15820	0	
Oil Age	kms	Client Info		0	0	
Oil Changed	KIIIS	Client Info		N/A	N/A	
Sample Status		Oliciti IIIIo		NORMAL	NORMAL	
·		and the sale	Para St. /for a second			
CONTAMINATION	N .	method	limit/base		history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>50	15	38	
Chromium	ppm	ASTM D5185(m)	>4	<1	<1	
lickel	ppm	ASTM D5185(m)	>2	<1	<1	
- itanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)	>3	0	0	
Aluminum	ppm	ASTM D5185(m)	>9	2	3	
ead	ppm	ASTM D5185(m)	>30	<1	<1	
Copper	ppm	ASTM D5185(m)	>35	4	19	
-in	ppm	ASTM D5185(m)	>4	<1	<1	
Intimony	ppm	ASTM D5185(m)		0	0	
/anadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		10	21	
Barium	ppm	ASTM D5185(m)		<1	4	
Nolybdenum	ppm	ASTM D5185(m)		54	50	
Manganese	ppm	ASTM D5185(m)		2	14	
/lagnesium	ppm	ASTM D5185(m)		- 762	745	
Calcium	ppm	ASTM D5185(m)		1227	1170	
Phosphorus	ppm	ASTM D5185(m)		628	705	
Zinc	ppm	ASTM D5185(m)		824	819	
Sulfur	ppm	ASTM D5185(m)		2038	2037	
Lithium	ppm	ASTM D5185(m)		<1	<1	
		( )	Para St. /In an ana			
CONTAMINANTS		method	limit/base		history1	history2
Silicon	ppm	ASTM D5185(m)	>+100	12	43	
Sodium	ppm	ASTM D5185(m)		3	5	
Potassium	ppm	ASTM D5185(m)	>20	1	2	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0	0	
Nitration	Abs/cm	ASTM D7624*	>20	12.3	10.1	
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.5	20.5	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	20.5	18.1	



## **OIL ANALYSIS REPORT**







CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Unique Number : 5747777

Lab Number : 02622658

: WC0917635 Test Package : MOB 1

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 18 Mar 2024

**Tested** Diagnosed

: 18 Mar 2024

: 18 Mar 2024 - Wes Davis

CITY OF HAMILTON 2200 UPPER JAMES,, MOUNTAIN TRANSIT STOREROOM MOUNT HOPE, ON

CA LOR 1W0 Contact: Jeff Parr jeff.parr@hamilton.ca

T: (905)546-2424

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.