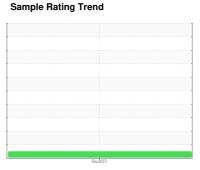


OIL ANALYSIS REPORT



NORMAL



Machine Id **2254** 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

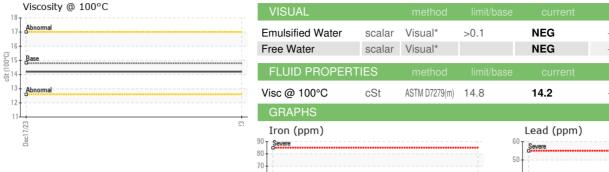
Fluid Condition

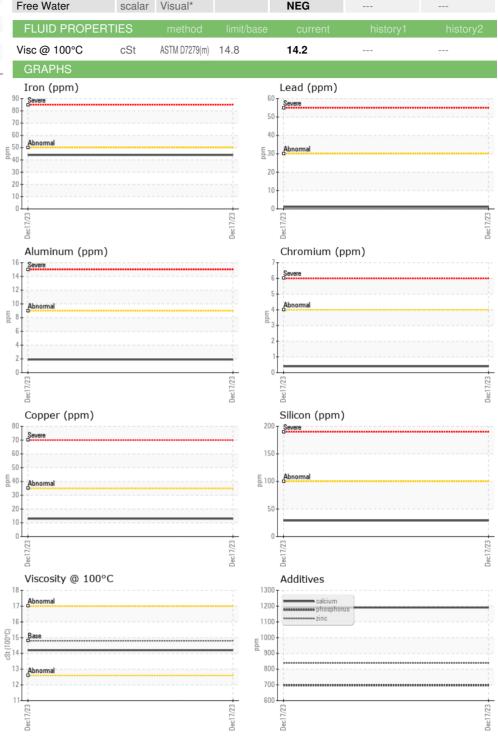
The condition of the oil is acceptable for the time in service.

GAL)				Dec2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
		Client Info	mmesacc	WC0878015		
Sample Number				17 Dec 2023		
Sample Date	lema	Client Info		8060		
Machine Age Oil Age	kms	Client Info		0		
Oil Age Oil Changed	kms	Client Info		N/A		
Sample Status		Olletti Ittio		NORMAL		
·			11 11 11			
CONTAMINATIO)N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>50	44		
Chromium	ppm	ASTM D5185(m)	>4	<1		
Nickel	ppm	ASTM D5185(m)	>2	1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>3	0		
Aluminum	ppm	ASTM D5185(m)	>9	2		
ead	ppm	ASTM D5185(m)	>30	1		
Copper	ppm	ASTM D5185(m)	>35	13		
īn	ppm	ASTM D5185(m)	>4	<1		
Intimony	ppm	ASTM D5185(m)		0		
/anadium	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)		21		
Barium	ppm	ASTM D5185(m)		2		
Nolybdenum	ppm	ASTM D5185(m)		51		
Manganese	ppm	ASTM D5185(m)		7		
/lagnesium	ppm	ASTM D5185(m)		775		
Calcium	ppm	ASTM D5185(m)		1191		
Phosphorus	ppm	ASTM D5185(m)		697		
inc	ppm	ASTM D5185(m)		839		
Sulfur	ppm	ASTM D5185(m)		1996		
ithium	ppm	ASTM D5185(m)		<1		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>+100	29		
Sodium	ppm	ASTM D5185(m)		4		
Potassium	ppm	ASTM D5185(m)	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0		
Nitration	Abs/cm	ASTM D7644 ASTM D7624*	>20	11.4		
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.5		
FLUID DEGRAD		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	>25	19.5		



OIL ANALYSIS REPORT







CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WC0878015 : 02604587 : 5697672

Test Package : MOB 1 (Additional Tests: FT-IR(Diff))

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Recieved Diagnosed

: 21 Dec 2023 : 21 Dec 2023 Diagnostician : Kevin Marson

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

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

To discuss this sample report, contact Customer Service at 1-800-268-2131.

T: (905)546-2424 F: (905)679-4502