

Limit/Abn Current

History1

History2

## Machine Id **HONDA BLUELINE PLATFORM E-223** Componer **Gasoline Engine**

## TRC PRO-SPEC SYNTHETIC 10W30 (4 QTS)

COMMENDATION
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RECOMMENDATION	Test	UOIVI	ivietnoa	Limit/Abn	Current	HIStory I	History2
	Sample Number		Client Info		TR06148928	TR05876328	TR05763027
Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.	Sample Date		Client Info		10 Apr 2024	22 May 2023	31 Jan 2023
	Machine Age	hrs	Client Info		1753	1140	711
	Oil Age	hrs	Client Info		200	500	300
	Filter Age	hrs	Client Info		200	500	300
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status		Oliciti IIIO		MARGINAL	SEVERE	SEVERE
WEAR	Iron	ppm	ASTM D5185m	>150	19	14	28
	Chromium	ppm	ASTM D5185m		2	1	5
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	0	<1
	Titanium	ppm	ASTM D5185m	20	0	<1	<1
	Silver		ASTM D5185m	. 0	0	0	0
		ppm					
	Aluminum	ppm	ASTM D5185m		2	4	5
	Lead	ppm	ASTM D5185m		0	<1	1
	Copper	ppm	ASTM D5185m		<1	<1	<1
	Tin	ppm	ASTM D5185m	>10	0	<1	<1
	Vanadium	ppm	ASTM D5185m		<1	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	× 20	24	8	21
CONTAININATION	Potassium		ASTM D5185m		<1	3	2
Light fuel dilution occurring. No other contaminants were detected in the oil.	Fuel	ppm %	ASTM D5185III ASTM D3524		<1 <b>3.8</b>	▲ 8.7	∠ ▲ 17.3
		70					
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844		0.1	0.1	0.1
	Nitration	Abs/cm	*ASTM D7624	>20	10.3	9.4	10.7
	Sulfation	Abs/.1mm	*ASTM D7415		21.0	19.6	19.4
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	nnm	ASTM D5185m	> 100	11	1	4
T LOID CONDITION		ppm	ASTM D5185m	>400	0	1 5	4
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.	Boron	ppm					
	Barium	ppm	ASTM D5185m	400	0	2	0
	Molybdenum	ppm	ASTM D5185m	400	2	4	7
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		17	31	34
	Calcium	ppm	ASTM D5185m		4073	4050	3167
	Phosphorus	ppm	ASTM D5185m	800	823	881	649
	Zinc	ppm	ASTM D5185m	900	1001	1067	818
	Sulfur	ppm	ASTM D5185m		4098	4424	3644

Oxidation

Visc @ 100°C cSt

Test

UOM

Method

Abs/.1mm \*ASTM D7414 >25

ASTM D445 11

Base Number (BN) mg KOH/g ASTM D2896 8.5

12.3 12.05

8.5

13.2

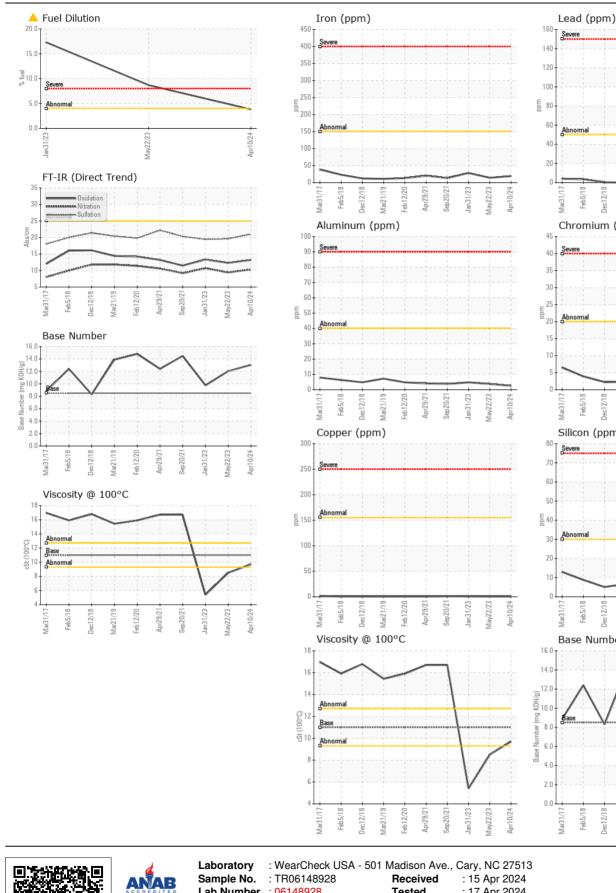
13.05

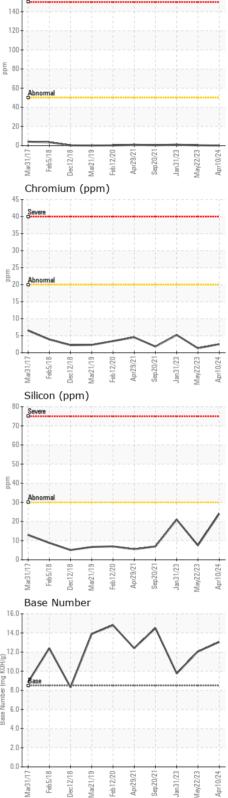
9.7

13.3

**5**.4

9.76





**CHERRY HILL FARMS PO BOX 308** Lab Number : 06148928 SANTAQUIN, UT Tested : 17 Apr 2024 US 84655 Unique Number : 10979006 Diagnosed : 17 Apr 2024 - Don Baldridge Test Package : MOB 2 (Additional Tests: PercentFuel) Contact: JOHN AAGARD Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-827-0711. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F:

Contact/Location: JOHN AAGARD - CHESAN Page 2 of 2