

### **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# 15191-1-04-98 BAYONNE

Component Natural Gas Engine

Fluid {not provided} (--- GAL)

#### DIAGNOSIS

#### 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.

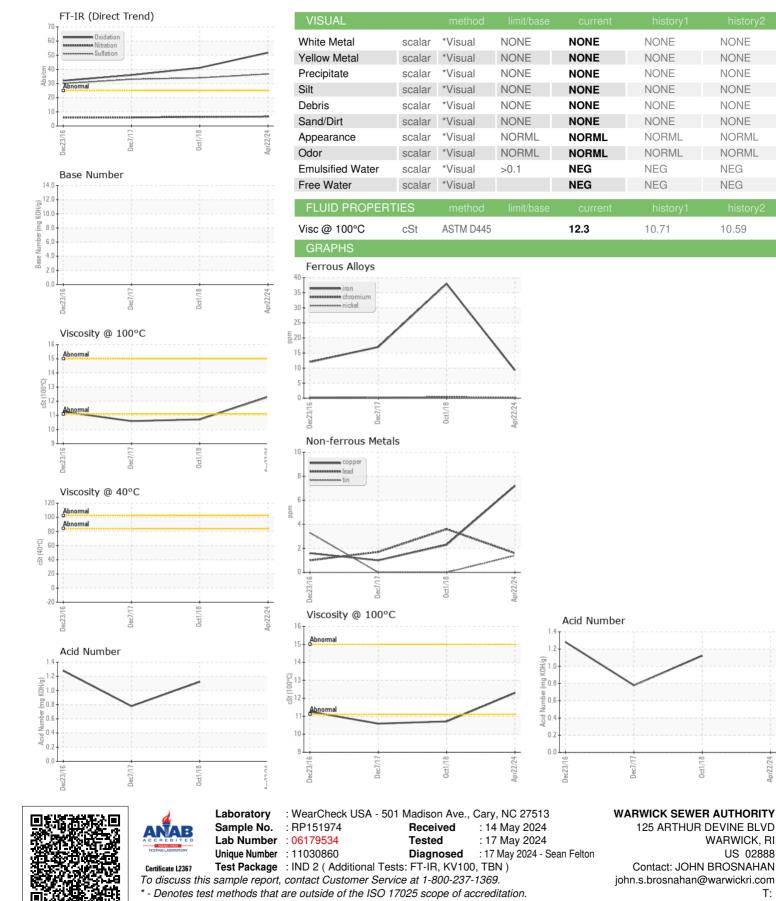
#### Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORM	<b>MATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		RP151974	RP203729	RP181088
Sample Date		Client Info		22 Apr 2024	01 Oct 2018	07 Dec 2017
Machine Age	hrs	Client Info		375	351	346
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	9	38	17
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>3	1	3	1
Aluminum	ppm	ASTM D5185m	>9	3	2	1
Lead	ppm	ASTM D5185m	>30	2	4	2
Copper	ppm	ASTM D5185m	>35	7	2	1
Tin	ppm	ASTM D5185m	>4	1	0	0
Antimony	ppm	ASTM D5185m			2	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5	37	38
Barium	ppm	ASTM D5185m		2	2	<1
Molybdenum	ppm	ASTM D5185m		106	21	16
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		794	14	11
Calcium	ppm	ASTM D5185m		2909	1910	1718
Phosphorus	ppm	ASTM D5185m		326	651	616
Zinc	ppm	ASTM D5185m		352	503	443
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	11	8	7
Sodium	ppm	ASTM D5185m		<1	4	3
Potassium	ppm	ASTM D5185m	>20	2	0	6
Water	%	ASTM D6304	>0.1	NEG	NEG	NEG
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0.1	0
Nitration	Abs/cm	*ASTM D7624	>20	6.6	6.4	6.
Sulfation	Abs/.1mm	*ASTM D7415	>30	36.7	34	33.
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	51.8	41.1	36.
Acid Number (AN)	mg KOH/g	ASTM D8045			1.123	0.779
Base Number (BN)	mg KOH/g	ASTM D2896		12.59		
	0 0					



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

Contact/Location: JOHN BROSNAHAN - WARWARRI

WARWICK, RI

US 02888

T:

F:

or22/24

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

10.59