

OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend



Machine Id

GOVERNOR FRANCIS (S/N 204692/08)

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.

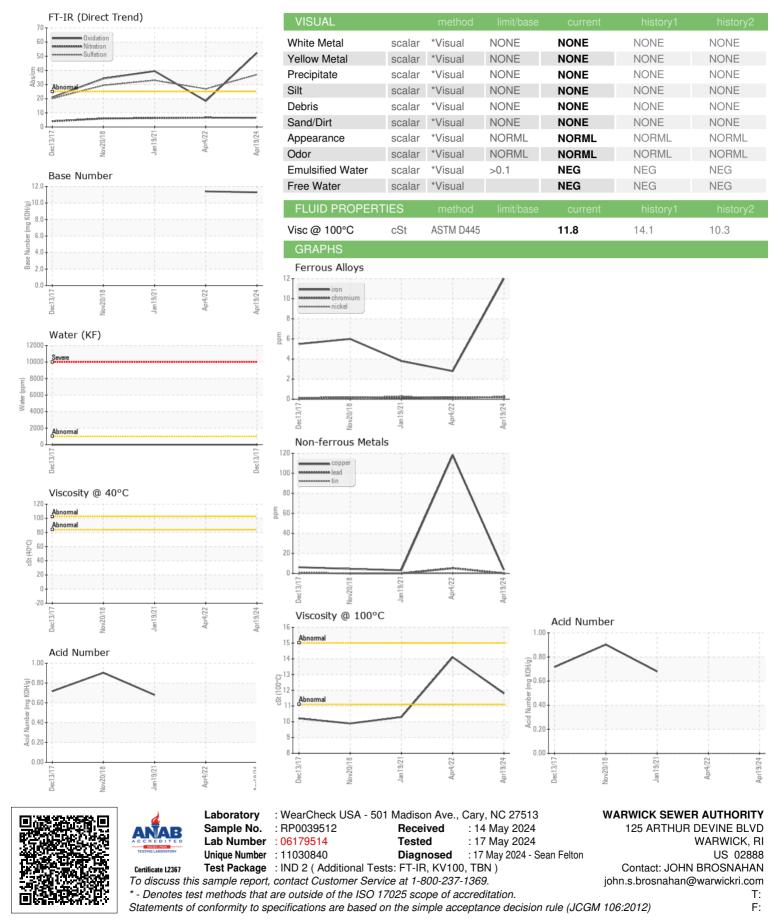
Fluid Condition

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		method	limit/base	current	nistory i	nistory2
Sample Number		Client Info		RP0039512	RP0025705	RP0016527
Sample Date		Client Info		19 Apr 2024	04 Apr 2022	19 Jan 2021
Machine Age	hrs	Client Info		109	105	101
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	12	3	4
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	4	2	5
Lead	ppm	ASTM D5185m	>30	<1	5	0
Copper	ppm	ASTM D5185m	>35	4	1 18	3
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Antimony	ppm	ASTM D5185m				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		20	4	51
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		119	112	4
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		737	12	7
Calcium	ppm	ASTM D5185m		2492	3429	1545
Phosphorus	ppm	ASTM D5185m		389	1195	614
Zinc	ppm	ASTM D5185m		352	1466	386
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	15	4	12
Sodium	ppm	ASTM D5185m		9	<1	17
Potassium	ppm	ASTM D5185m	>20	2	2	<1
Water	%	ASTM D6304	>0.1	NEG	NEG	NEG
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	6.5	6.6	6.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	37.0	26.9	33
FLUID DEGRADA		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	52.4	18.4	39.5
Acid Number (AN)	mg KOH/g	ASTM D8045				0.680
Base Number (BN)	mg KOH/g	ASTM D2896		11.29	11.4	
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