

## **OIL ANALYSIS REPORT**

Sample Rating Trend



Area JAL NM Machine Id MRC-202 Component Natural Gas Engine Fluid NOT GIVEN (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

#### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

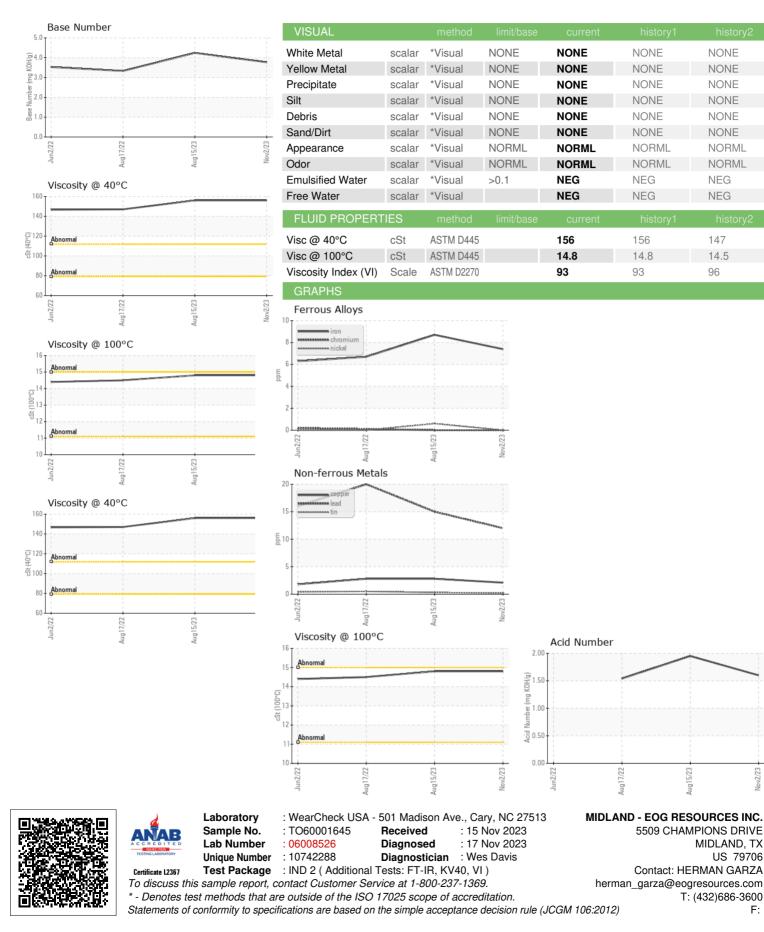
#### Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Jun202	2 Aug2022	Aug2023 No	vv2023	
SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		TO60001645	TO60001174	TO60000208
Sample Date		Client Info		02 Nov 2023	15 Aug 2023	17 Aug 2022
Machine Age	hrs	Client Info		20877	19527	13529
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	7	9	7
Chromium	ppm	ASTM D5185m	>4	0	0	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	<1	2	1
Lead	ppm	ASTM D5185m	>30	12	15	20
Copper	ppm	ASTM D5185m	>35	2	3	3
Tin	ppm	ASTM D5185m	>4	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		78	97	75
Barium	ppm	ASTM D5185m		0	1	0
Molybdenum	ppm	ASTM D5185m		<1	2	3
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		16	17	13
Calcium	ppm	ASTM D5185m		1404	1646	1472
Phosphorus	ppm	ASTM D5185m		223	320	312
Zinc	ppm	ASTM D5185m		343	406	372
Sulfur	ppm	ASTM D5185m		1393	1808	1707
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	1	2	1
Sodium	ppm	ASTM D5185m		3	0	3
Potassium	ppm	ASTM D5185m	>20	0	2	0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	10.9	10.9	10.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.9	19.9	20.9
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	21.6	21.8	21.3
Acid Number (AN)	mg KOH/g	ASTM D8045		1.60	1.95	1.54
Base Number (BN)	mg KOH/g	ASTM D2896		3.77	4.24	3.33



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Contact/Location: HERMAN GARZA - EOGMID

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