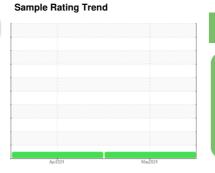


# **OIL ANALYSIS REPORT**







## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

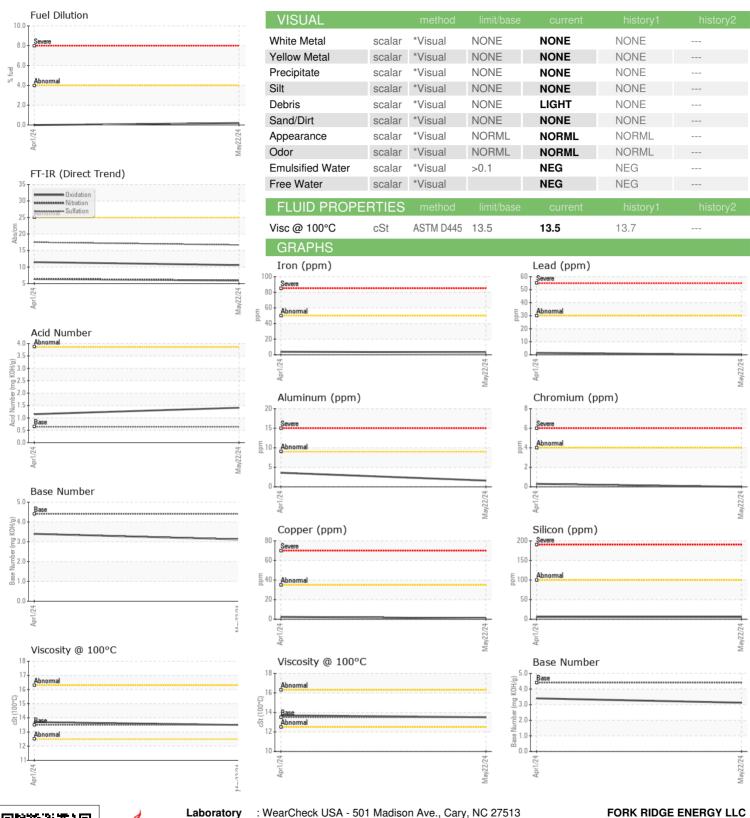
### **Fluid Condition**

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.

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SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0120907	PCA0120916	
Sample Date		Client Info		22 May 2024	01 Apr 2024	
Machine Age	hrs	Client Info		57459	56340	
Oil Age	hrs	Client Info		1119	2139	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3	4	
Chromium	ppm	ASTM D5185m	>4	0	<1	
Nickel	ppm	ASTM D5185m	>2	0	<1	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m	>3	0	<1	
Aluminum	ppm	ASTM D5185m	>9	2	4	
Lead	ppm	ASTM D5185m	>30	0	2	
Copper	ppm	ASTM D5185m	>35	1	2	
Tin	ppm	ASTM D5185m	>4	0	<1	
Vanadium	ppm	ASTM D5185m		<1	<1	
Cadmium	ppm	ASTM D5185m		0	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0	8	
Barium	ppm	ASTM D5185m	1	0	0	
Molybdenum	ppm	ASTM D5185m	1	83	273	
Manganese	ppm	ASTM D5185m	5	0	0	
Magnesium	ppm	ASTM D5185m	1	5	6	
Calcium	ppm	ASTM D5185m	1237	1510	1562	
Phosphorus	ppm	ASTM D5185m	270	309	362	
Zinc	ppm	ASTM D5185m	330	390	397	
Sulfur	ppm	ASTM D5185m	2670	3572	3282	
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	6	6	
Sodium	ppm	ASTM D5185m		3	5	
Potassium	ppm	ASTM D5185m	>20	0	3	
Fuel	%	ASTM D3524	>4.0	0.2	0.0	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	
Nitration	Abs/cm	*ASTM D7624	>20	5.9	6.4	
Sulfation	Abs/.1mm	*ASTM D7415	>30	16.7	17.5	
FLUID DEGRA	NOITAC	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	10.6	11.5	
Acid Number (AN)	mg KOH/g	ASTM D8045	0.64	1.41	1.15	
Base Number (BN)	mg KOH/g	ASTM D2896	4.4	3.12	3.40	



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: PCA0120907 Lab Number : 06196020 Unique Number : 11058143

Received : 30 May 2024 **Tested** : 03 Jun 2024

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

Diagnosed : 03 Jun 2024 - Wes Davis Test Package : MOB 2 ( Additional Tests: FuelDilution, PercentFuel )

To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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