

OIL ANALYSIS REPORT





Sample Rating Trend



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Total oil added 108 gallons)

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. Elemental level of silicon (Si) above normal.

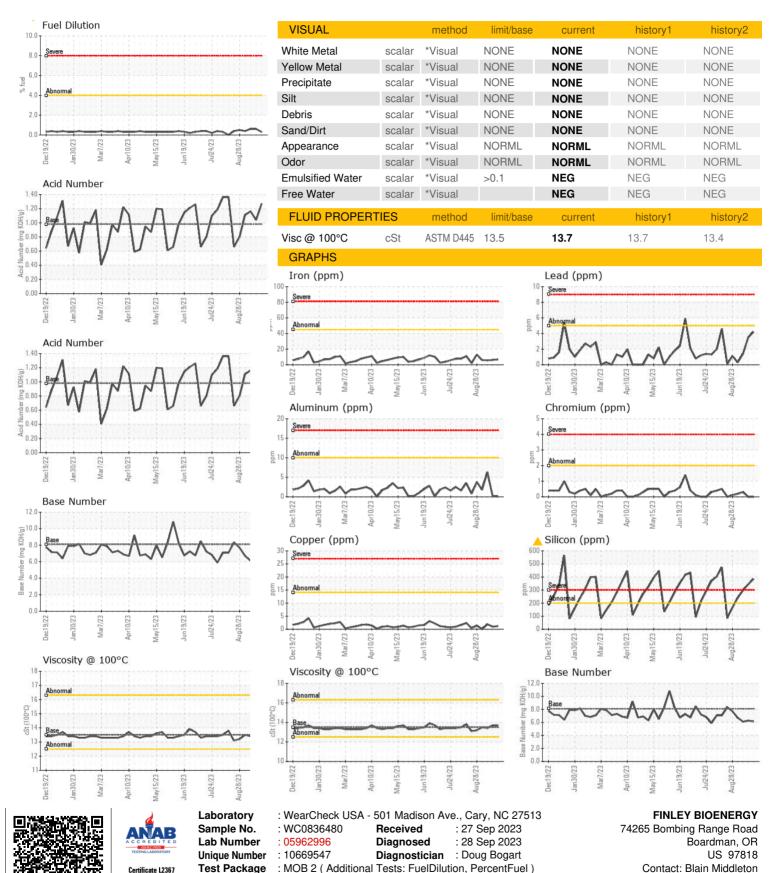
Fluid Condition

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.

TRON CG 40 (GAL)						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0836480	WC0836452	WC0836457
Sample Date		Client Info		25 Sep 2023	18 Sep 2023	11 Sep 2023
Machine Age	hrs	Client Info		117538	117375	117208
Oil Age	hrs	Client Info		922	759	592
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
CONTAMINATION	٧	method	limit/base	current	history1	history2
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>45	7	6	6
Chromium	ppm	ASTM D5185m	>2	0	0	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	<1	6
Lead	ppm	ASTM D5185m	>5	4	4	1
Copper	ppm	ASTM D5185m	>14	1	1	2
Tin	ppm	ASTM D5185m	>13	6	5	4
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	0	0	0	0
Barium	ppm	ASTM D5185m	1	0	0	0
Molybdenum	ppm	ASTM D5185m	2	<1	1	<1
Manganese	ppm	ASTM D5185m	1	0	<1	<1
Magnesium	ppm	ASTM D5185m	9	11	15	14
Calcium	ppm	ASTM D5185m	2712	3068	3067	2968
Phosphorus	ppm	ASTM D5185m	292	321	312	303
Zinc	ppm	ASTM D5185m	342	389	380	364
Sulfur	ppm	ASTM D5185m	2575	3706	3989	4036
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>200	▲ 385	<u></u> 344	<u>^</u> 298
Sodium	ppm	ASTM D5185m		2	<1	2
Potassium	ppm	ASTM D5185m	>20	0	<1	0
Fuel	%	ASTM D3524	>4.0	0.3	0.6	0.6
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
0001 70	Abs/cm	*ASTM D7624	>20	6.1	7.0	5.8
Nitration	7 1007 0111					
	Abs/.1mm	*ASTM D7415	>30	22.4	25.2	21.2
Nitration	Abs/.1mm	*ASTM D7415 method	>30 limit/base	22.4 current	25.2 history1	21.2 history2
Nitration Sulfation	Abs/.1mm					
Nitration Sulfation FLUID DEGRADA	Abs/.1mm	method	limit/base >25	current	history1	history2



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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.

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

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