

OIL ANALYSIS REPORT

Iron

Tin

Machine Id CARRIER CITY OF NET CHILLER 1 (S/N 2576)

Refrigeration Compressor

MINERAL OIL (--- GAL)

DIAGNOSIS

Recommendation

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

A Wear

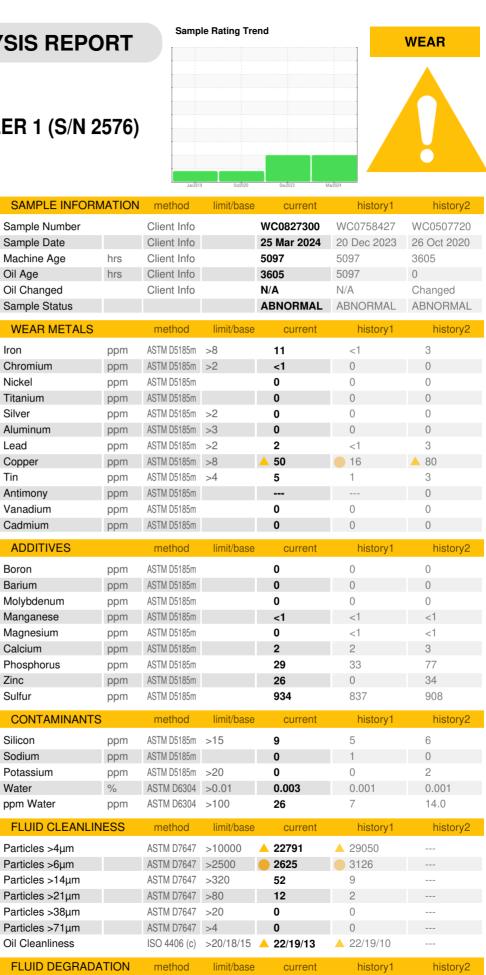
The copper level is abnormal. All other component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



Report Id: MCQLIV [WUSCAR] 06135030 (Generated: 04/03/2024 22:48:11) Rev: 1

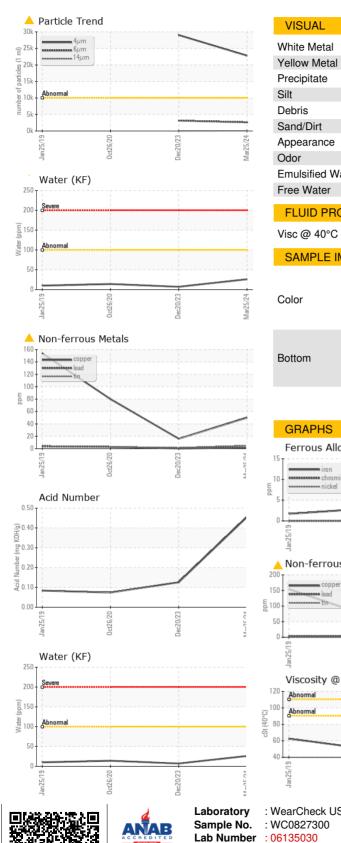
mg KOH/g ASTM D974

Acid Number (AN)

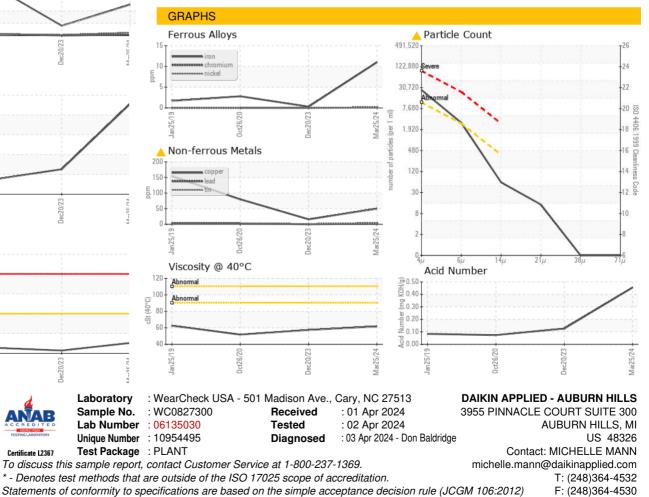
0.126 0.455 0.074 Submitted By: RICK VANOVERBEKE



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.01	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
∕isc @ 40°C	cSt	ASTM D445		61.8	57.4	51.8
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				•		
Bottom						



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Submitted By: RICK VANOVERBEKE Page 2 of 2