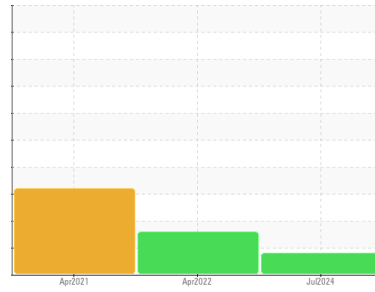




OIL ANALYSIS REPORT

Sample Rating Trend



SEDIMENT



Area

Powerblock

Machine Id

Induced Draft Fan

Component

Drive End Bearing

Fluid

ROYAL PURPLE SYNFILM GT 68 (--- GAL)

DIAGNOSIS

▲ Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate amount of visible silt present in the sample.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0839384	WC0539365	RP0014762
Sample Date	Client Info		10 Jul 2024	11 Apr 2022	05 Apr 2021
Machine Age	hrs	Client Info	26280	26280	0
Oil Age	hrs	Client Info	26280	8760	0
Oil Changed		Client Info	N/A	Changed	N/A
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >84	0	5	7
Chromium	ppm	ASTM D5185m >20	0	0	0
Nickel	ppm	ASTM D5185m >3	0	0	<1
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	<1
Aluminum	ppm	ASTM D5185m >3	0	0	0
Lead	ppm	ASTM D5185m >143	0	111	▲ 188
Copper	ppm	ASTM D5185m >13	0	6	▲ 19
Tin	ppm	ASTM D5185m >41	0	3	2
Antimony	ppm	ASTM D5185m	---	---	<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	0	<1	0
Barium	ppm	ASTM D5185m	0	2	0
Molybdenum	ppm	ASTM D5185m	0	0	0
Manganese	ppm	ASTM D5185m	0	<1	1
Magnesium	ppm	ASTM D5185m 90	15	45	0
Calcium	ppm	ASTM D5185m	0	8	17
Phosphorus	ppm	ASTM D5185m	14	52	133
Zinc	ppm	ASTM D5185m	5	32	46
Sulfur	ppm	ASTM D5185m	20656	14277	1362

CONTAMINANTS

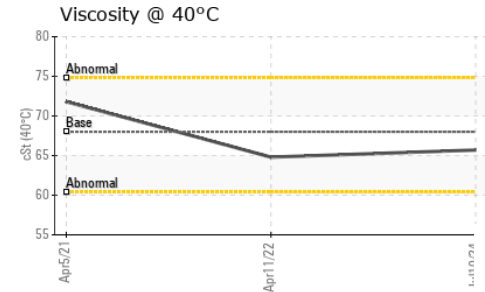
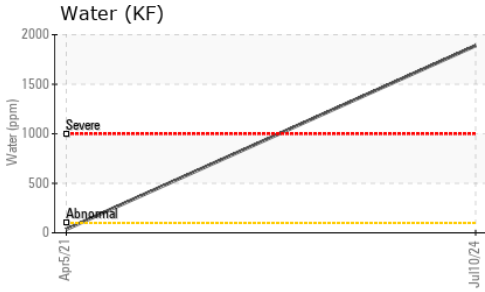
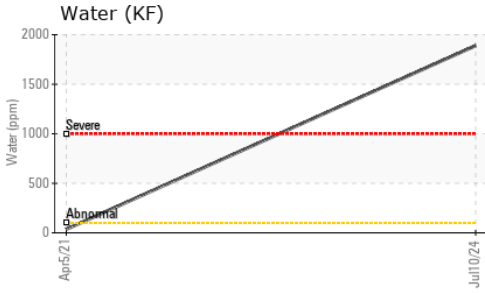
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	1	▲ 26	▲ 45
Sodium	ppm	ASTM D5185m	1	0	0
Potassium	ppm	ASTM D5185m >20	0	1	0
Water	%	ASTM D6304 >2	0.189	---	0.003
ppm Water	ppm	ASTM D6304	1890	---	35.7

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.21	0.31	0.071



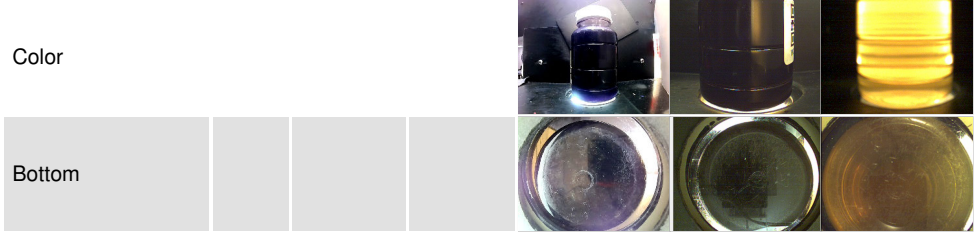
OIL ANALYSIS REPORT



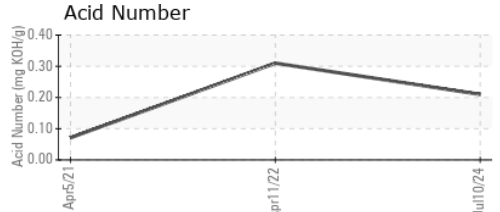
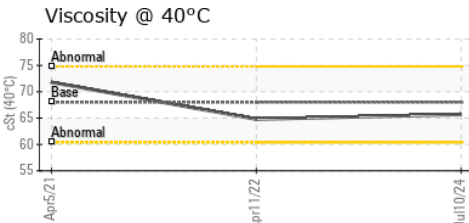
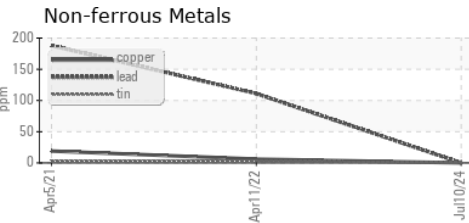
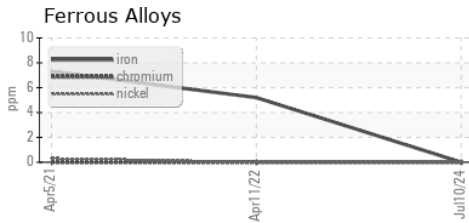
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	▲ MODER	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>2	0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 68	65.7	64.8	71.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0839384 **Received** : 17 Jul 2024
Lab Number : 06239610 **Tested** : 18 Jul 2024
Unique Number : 11128444 **Diagnosed** : 19 Jul 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

VEOLIA ENERGY - FRANKLIN
 3465 HWY 198
 CARNESVILLE, GA
 US 30521
 Contact: JOHNNY STONE
 johnny.stone@veolia.com

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)