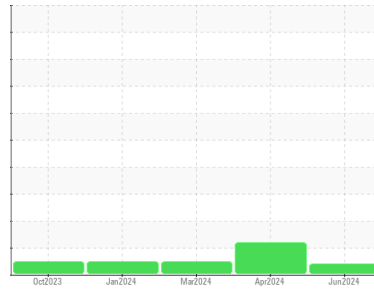




OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id
301
 Component
Compressor
 Fluid
VILTER ISO 150 (--- 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

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0881063	WC0881067	WC0843783
Sample Date	Client Info			03 Jun 2024	26 Apr 2024	27 Mar 2024
Machine Age	hrs	Client Info		4836	4061	3618
Oil Age	hrs	Client Info		4836	2000	3618
Oil Changed	Client Info			Not Chngd	Not Chngd	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3	4	4
Chromium	ppm	ASTM D5185m	>5	<1	<1	0
Nickel	ppm	ASTM D5185m		<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>15	0	2	0
Lead	ppm	ASTM D5185m	>65	<1	<1	0
Copper	ppm	ASTM D5185m	>65	2	2	1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0

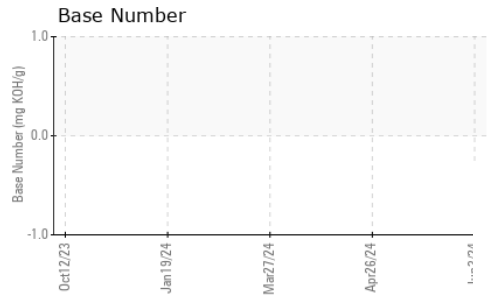
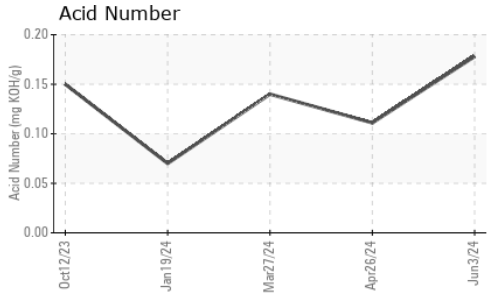
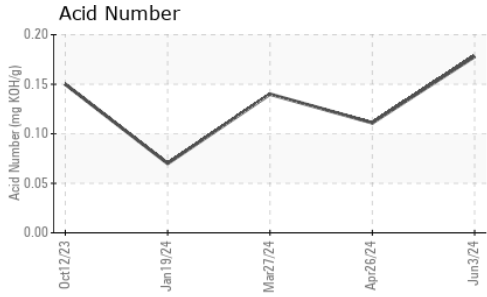
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	22	0
Barium	ppm	ASTM D5185m		2	5	10
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		0	1	0
Calcium	ppm	ASTM D5185m		15	24	23
Phosphorus	ppm	ASTM D5185m		25	37	32
Zinc	ppm	ASTM D5185m		17	18	18
Sulfur	ppm	ASTM D5185m		71	261	140

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	<1	2	<1
Sodium	ppm	ASTM D5185m		3	13	2
Potassium	ppm	ASTM D5185m	>20	5	6	3

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.178	0.111	0.14



OIL ANALYSIS REPORT



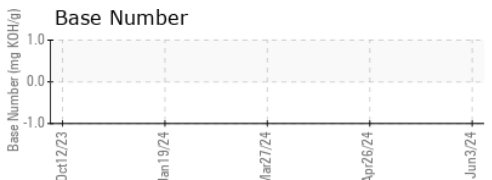
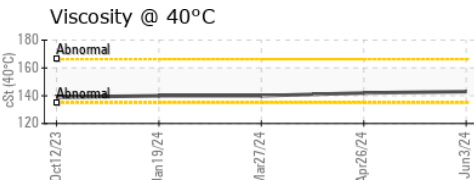
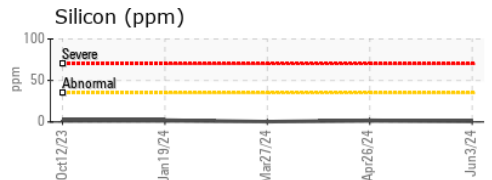
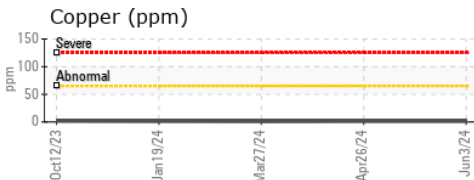
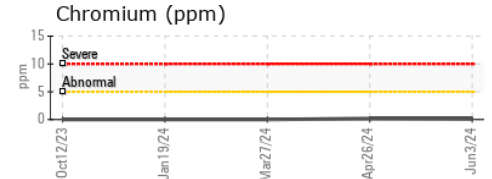
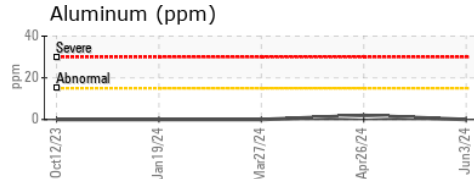
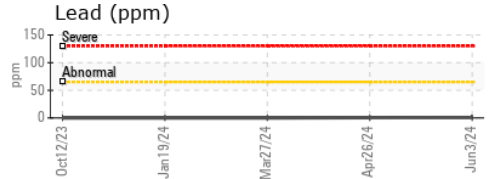
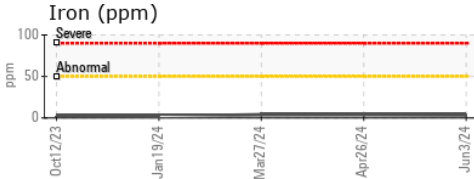
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	▲ MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	▲ MODER	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	143	142	140

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0881063 **Received** : 10 Jun 2024
Lab Number : 06204858 **Tested** : 12 Jun 2024
Unique Number : 11072319 **Diagnosed** : 12 Jun 2024 - Don Baldrige
Test Package : MOB 2 (Additional Tests: TBN)

TERREVA RENEWABLES - COUNTRYSIDE
 31725 ROUTE 83
 GRAYSLAKE, IL
 US 60030
 Contact: ERIC BOEHMER
 eboehmer@esisolutions.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)