



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



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



DIAGNOSIS

Recommendation
Resample at the next service interval to monitor.

Wear
All component wear rates are normal.

Contamination
There is no indication of any contamination 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		WC0843800	---	---
Sample Date	Client Info		12 Oct 2023	---	---
Machine Age	hrs Client Info		1492	---	---
Oil Age	hrs Client Info		1492	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m		0	---	---
Barium	ppm ASTM D5185m		0	---	---
Molybdenum	ppm ASTM D5185m		0	---	---
Manganese	ppm ASTM D5185m		0	---	---
Magnesium	ppm ASTM D5185m		0	---	---
Calcium	ppm ASTM D5185m		18	---	---
Phosphorus	ppm ASTM D5185m		28	---	---
Zinc	ppm ASTM D5185m		12	---	---
Sulfur	ppm ASTM D5185m		93	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	>35	3	---	---
Sodium	ppm ASTM D5185m		3	---	---
Potassium	ppm ASTM D5185m	>20	0	---	---

FLUID DEGRADATION

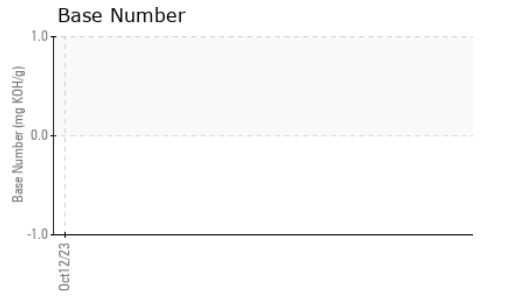
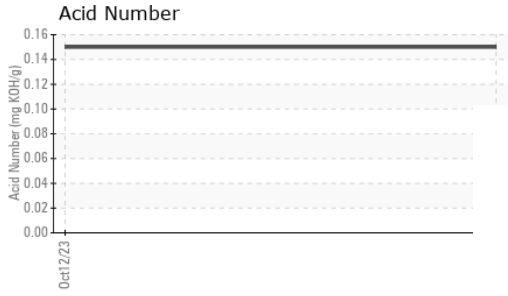
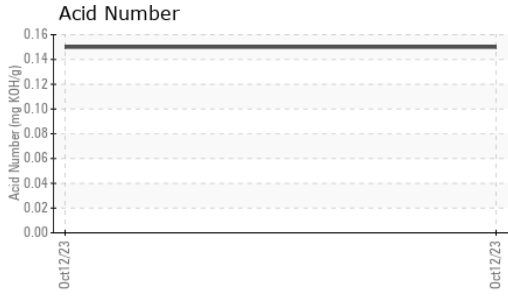
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045		0.15	---	---

VISUAL

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



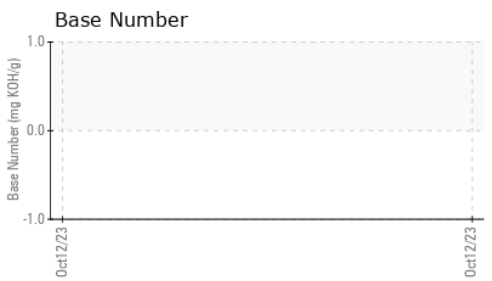
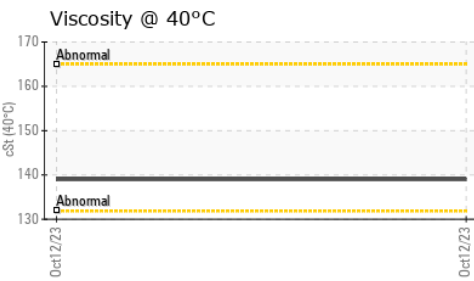
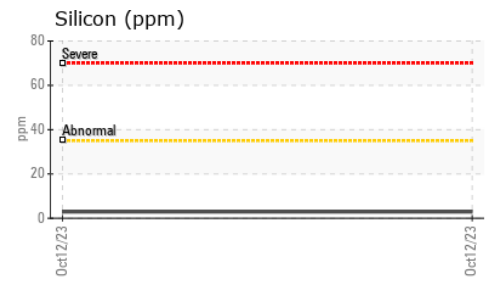
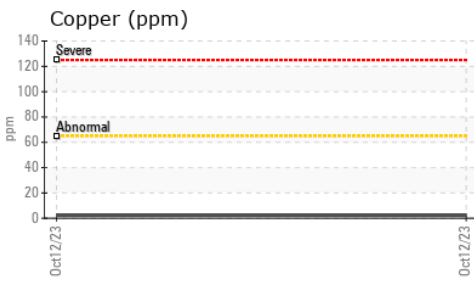
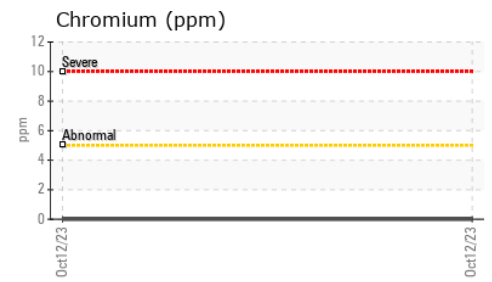
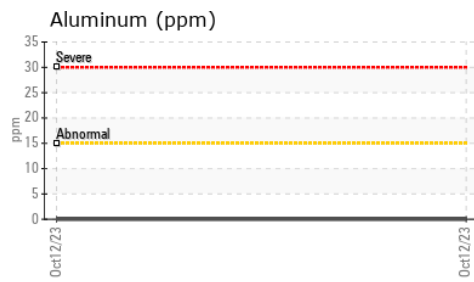
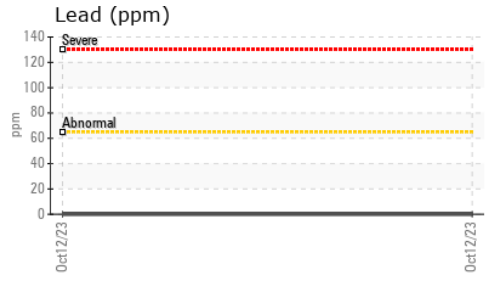
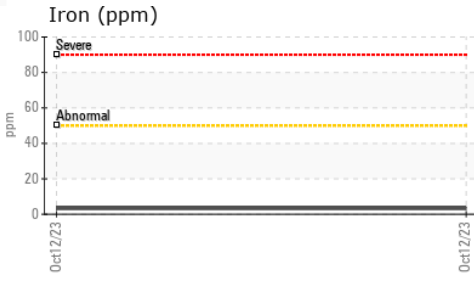
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	139	---	---

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. : WC0843800 **Received** : 17 Oct 2023
Lab Number : **05981307** **Diagnosed** : 19 Oct 2023
Unique Number : 10698602 **Diagnostician** : Jonathan Hester
Test Package : MOB 2 (Additional Tests: TBN)

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

Certificate L2367
 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)