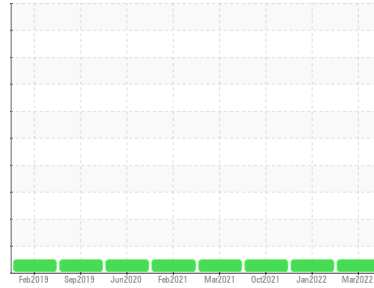




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CTG-300

Component
Reservoir Oil

Fluid
MOBIL DTE 824 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. 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	RP0024305	RP0022478	RP0022450
Sample Date	Client Info	03 Mar 2022	24 Jan 2022	06 Oct 2021
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>20	<1	<1	<1
Chromium ppm ASTM D5185m	>20	0	0	0
Nickel ppm ASTM D5185m	>20	0	0	<1
Titanium ppm ASTM D5185m		0	0	0
Silver ppm ASTM D5185m		<1	<1	<1
Aluminum ppm ASTM D5185m	>20	<1	0	0
Lead ppm ASTM D5185m	>20	0	0	<1
Copper ppm ASTM D5185m	>20	<1	<1	<1
Tin ppm ASTM D5185m	>20	0	<1	<1
Antimony ppm ASTM D5185m		0	0	0
Vanadium ppm ASTM D5185m		0	0	<1
Cadmium ppm ASTM D5185m		0	0	<1

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<1	<1	0
Barium ppm ASTM D5185m		0	0	0
Molybdenum ppm ASTM D5185m		0	0	0
Manganese ppm ASTM D5185m		0	0	<1
Magnesium ppm ASTM D5185m		<1	<1	<1
Calcium ppm ASTM D5185m		<1	<1	0
Phosphorus ppm ASTM D5185m		1193	1118	1066
Zinc ppm ASTM D5185m		0	0	0

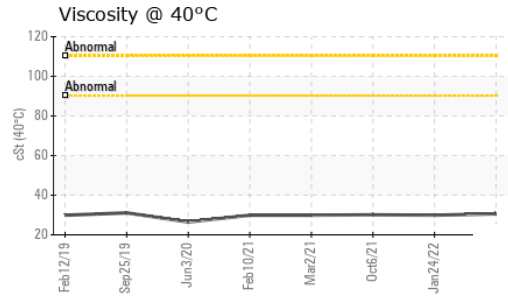
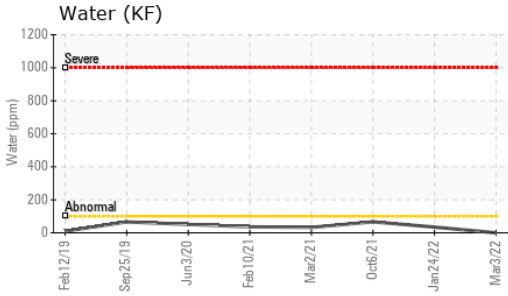
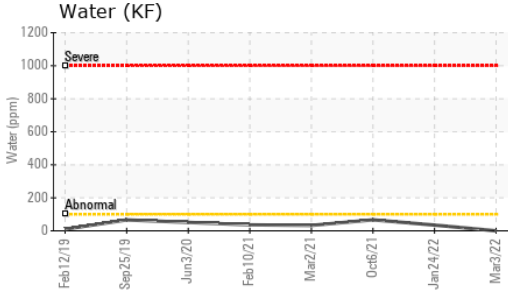
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>15	2	<1	0
Sodium ppm ASTM D5185m		7	7	8
Potassium ppm ASTM D5185m	>20	<1	0	<1
Water % ASTM D6304		0.00	0.003	0.006
ppm Water ppm ASTM D6304		0.00	34.9	66.6

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.26	0.21	0.202

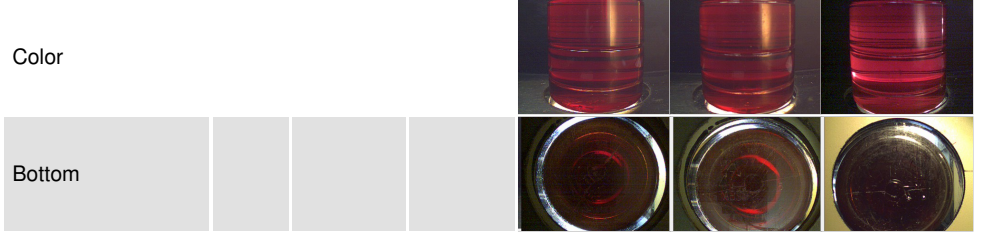
OIL ANALYSIS REPORT



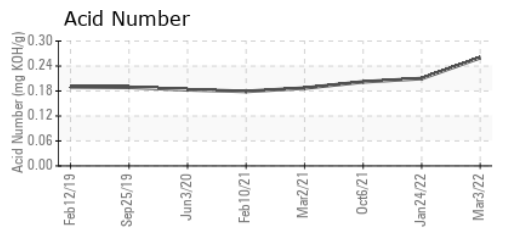
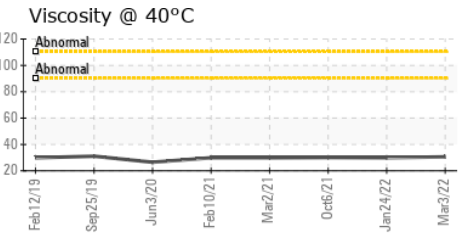
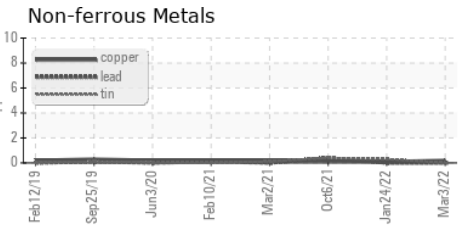
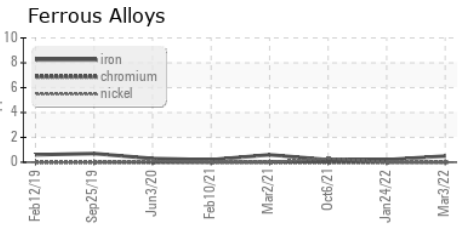
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	30.6	29.9	30.1

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



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0024305 **Received** : 04 Mar 2022
Lab Number : 05483883 **Diagnosed** : 11 Mar 2022
Unique Number : 9878102 **Diagnostician** : Jonathan Hester
Test Package : IND 2 (Additional Tests: PrtCount)

ENGIE-MATEP
 474 BROOKLINE AVE
 BOSTON, MA
 US 02215
 Contact: ROBERT ST SAUVEUR
 robert.stsauveur@engie.com
 T: (401)651-9381
 F:

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)