



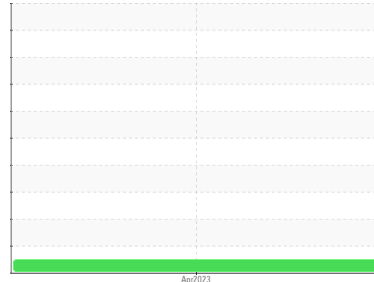
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
[0272691490]
 Machine Id
FREIGHTLINER 532649
 Component
Transmission
 Fluid
Transmission Oil (--- GAL)



DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

Light concentration of visible dirt/debris present in the fluid. No other contaminants were detected in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		RY05825387	---	---
Sample Date	Client Info		19 Apr 2023	---	---
Machine Age	mls	Client Info	85717	---	---
Oil Age	mls	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >250	75	---	---
Chromium	ppm	ASTM D5185m >2	0	---	---
Nickel	ppm	ASTM D5185m >2	0	---	---
Titanium	ppm	ASTM D5185m >2	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >55	12	---	---
Lead	ppm	ASTM D5185m >65	11	---	---
Copper	ppm	ASTM D5185m >230	38	---	---
Tin	ppm	ASTM D5185m >6	<1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	53	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Manganese	ppm	ASTM D5185m	7	---	---
Magnesium	ppm	ASTM D5185m	2	---	---
Calcium	ppm	ASTM D5185m	90	---	---
Phosphorus	ppm	ASTM D5185m	208	---	---
Zinc	ppm	ASTM D5185m	0	---	---
Sulfur	ppm	ASTM D5185m	1057	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	7	---	---
Sodium	ppm	ASTM D5185m	27	---	---
Potassium	ppm	ASTM D5185m >20	8	---	---

VISUAL

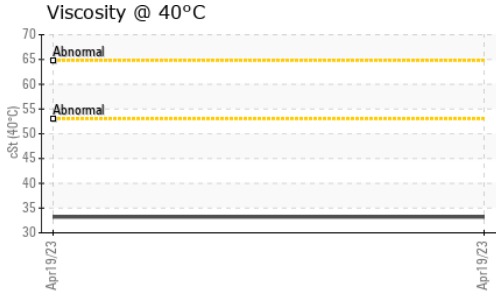
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---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

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	33.2	---	---

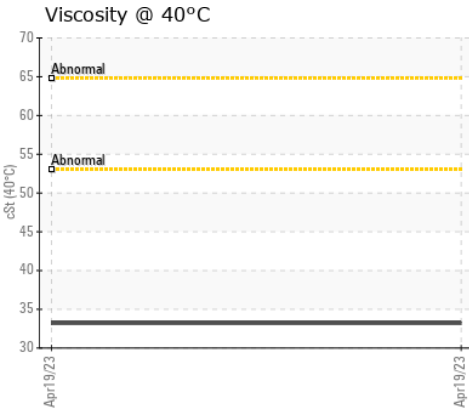
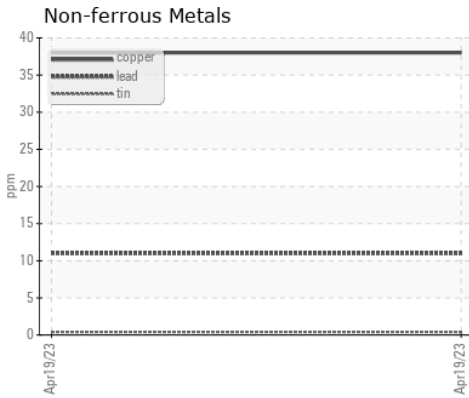
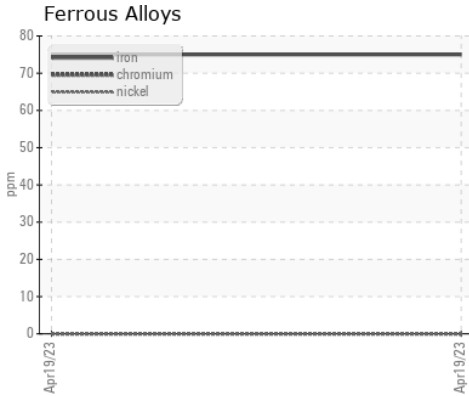


OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RY05825387 **Received** : 20 Apr 2023
Lab Number : **05825387** **Diagnosed** : 24 Apr 2023
Unique Number : 10433470 **Diagnostician** : Doug Bogart
Test Package : CONST

Ryder Transportation Services
 5255 NE 49TH AVENUE
 GAINESVILLE, FL
 US 32602
 Contact: JEFF LIVENGOOD
 david_meeks@ryder.com
 T:
 F: (352)375-7242

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)