



Machine Id
KENWORTH T880 427183 (S/N 1NKZL40X6HJ164232)

Component
Transmission (Manual)

Fluid
NOT GIVEN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0123516	GFL0105448	GFL0089376
Sample Date		Client Info		03 Jul 2024	13 Feb 2024	09 Aug 2023
Machine Age	mls	Client Info		328651	316890	298070
Oil Age	mls	Client Info		328651	316890	298070
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	Changed	Changed
Sample Status				ATTENTION	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	18	33	14
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	<1	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>7	0	<1	0
Aluminum	ppm	ASTM D5185m	>25	4	7	2
Lead	ppm	ASTM D5185m	>45	<1	2	0
Copper	ppm	ASTM D5185m	>225	162	102	105
Tin	ppm	ASTM D5185m	>10	<1	1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

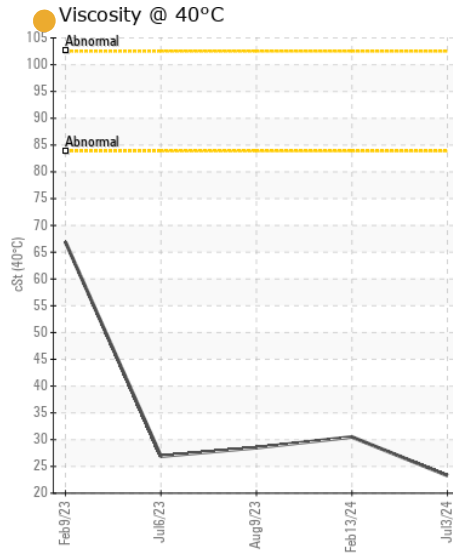
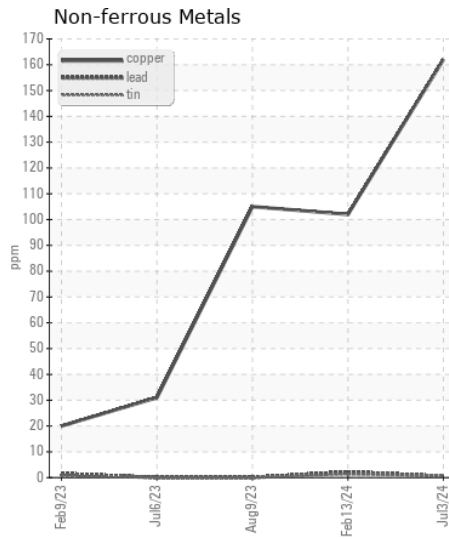
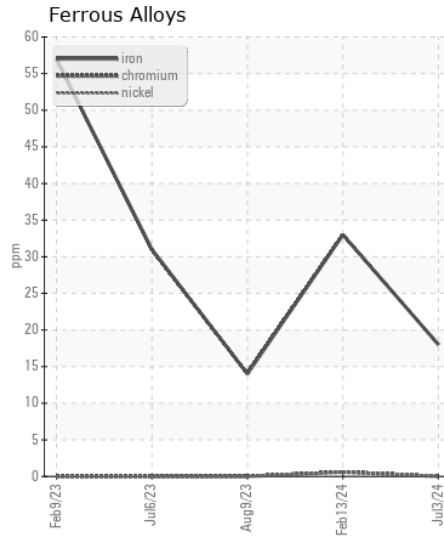
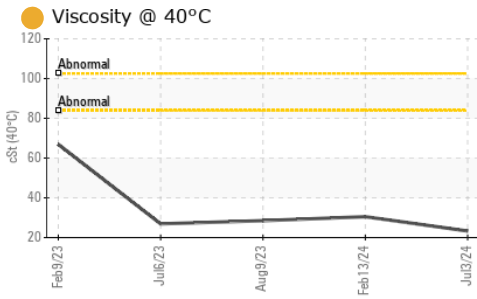
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	7	14	5
Potassium	ppm	ASTM D5185m	>20	3	3	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

The fluid viscosity is lower than normal. The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		8	6	<1
Boron	ppm	ASTM D5185m		36	26	48
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	1	0
Manganese	ppm	ASTM D5185m		<1	1	0
Magnesium	ppm	ASTM D5185m		4	3	0
Calcium	ppm	ASTM D5185m		469	360	293
Phosphorus	ppm	ASTM D5185m		497	601	477
Zinc	ppm	ASTM D5185m		18	31	4
Sulfur	ppm	ASTM D5185m		1399	1278	1567
Visc @ 40°C	cSt	ASTM D445		23.3	30.5	28.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0123516
Lab Number : 06231823
Unique Number : 11115316
Test Package : FLEET

Received : 09 Jul 2024
Tested : 12 Jul 2024
Diagnosed : 12 Jul 2024 - Sean Felton

GFL Environmental - 983 - Sugar Land Hauling
 16011 West Belfort Street
 Sugar Land, TX
 US 77498
 Contact: Adrian Martinez
 adrianmartinez@gflenv.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)

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F: