



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Area

[24427]

Machine Id

22-128

Component

Transmission (Auto)

Fluid

KENDALL SHP SYNTHETIC TRANSOIL 50 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0895446	WC0817977	WC0744955
Sample Date		Client Info		22 Apr 2024	14 Jul 2023	09 Feb 2023
Machine Age	kms	Client Info		32621	22154	10670
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Changed	Not Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	82	68	56
Chromium	ppm	ASTM D5185(m)	>5	1	2	1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	<1
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	2	2	2
Lead	ppm	ASTM D5185(m)	>50	0	<1	<1
Copper	ppm	ASTM D5185(m)	>225	11	10	7
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

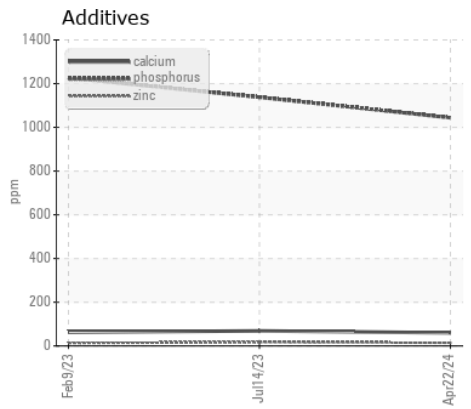
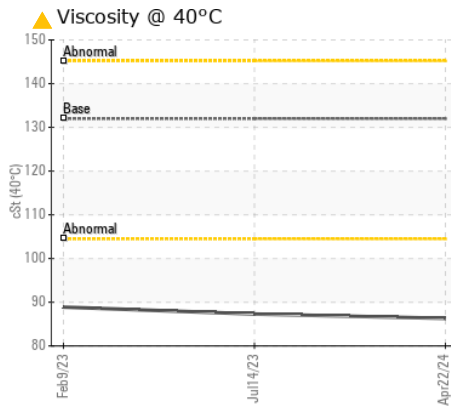
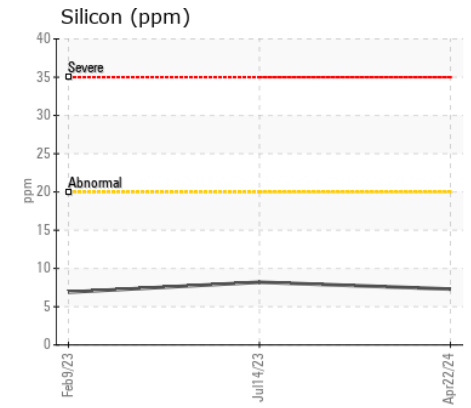
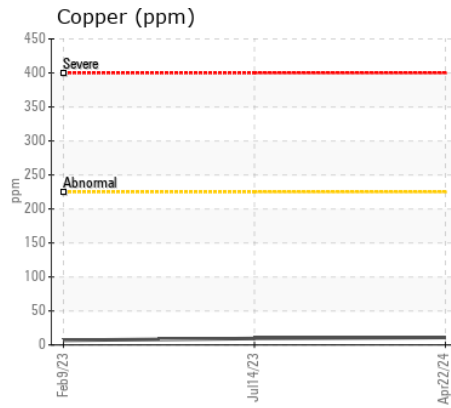
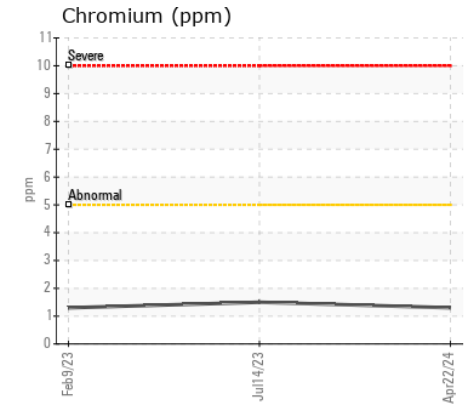
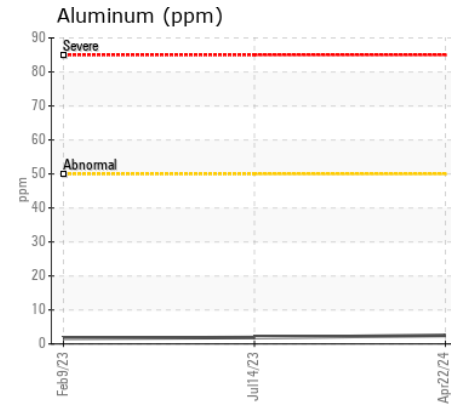
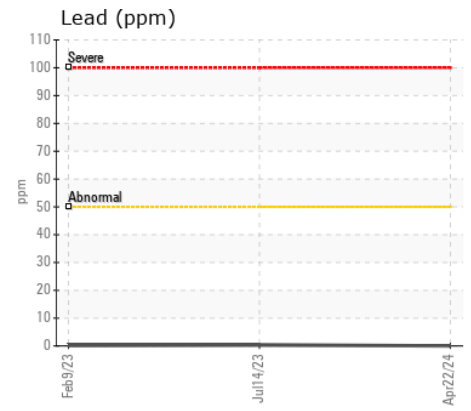
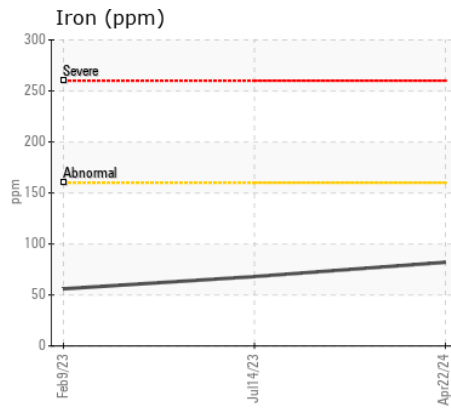
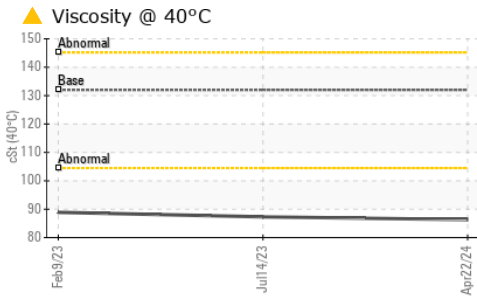
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	7	8	7
Potassium	ppm	ASTM D5185(m)	>20	2	3	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	VLITE
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 typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		11	11	12
Boron	ppm	ASTM D5185(m)		227	225	244
Barium	ppm	ASTM D5185(m)		5	5	5
Molybdenum	ppm	ASTM D5185(m)		0	1	<1
Manganese	ppm	ASTM D5185(m)		14	13	13
Magnesium	ppm	ASTM D5185(m)		2	2	<1
Calcium	ppm	ASTM D5185(m)		60	69	63
Phosphorus	ppm	ASTM D5185(m)		1044	1138	1227
Zinc	ppm	ASTM D5185(m)		14	17	13
Sulfur	ppm	ASTM D5185(m)		846	914	967
Visc @ 40°C	cSt	ASTM D7279(m)	132	▲ 86.3	▲ 87.3	▲ 88.9



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0895446 **Received** : 24 Apr 2024
Lab Number : 02631205 **Tested** : 24 Apr 2024
Unique Number : 5772358 **Diagnosed** : 24 Apr 2024 - Kevin Marson
Test Package : MOB 1

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 DUNDAS, ON
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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.