



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[25096]

Machine Id

15-39

Component

Transmission (Manual)

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		WC0941264	WC0876506	WC0818047
Sample Date		Client Info		17 Jun 2024	03 Jan 2024	01 Jun 2023
Machine Age	kms	Client Info		273431	265084	255779
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>200	44	30	138
Chromium	ppm	ASTM D5185(m)	>5	<1	<1	2
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>7	0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	1	2	5
Lead	ppm	ASTM D5185(m)	>45	2	2	11
Copper	ppm	ASTM D5185(m)	>225	4	3	19
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	VLITE	LIGHT	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

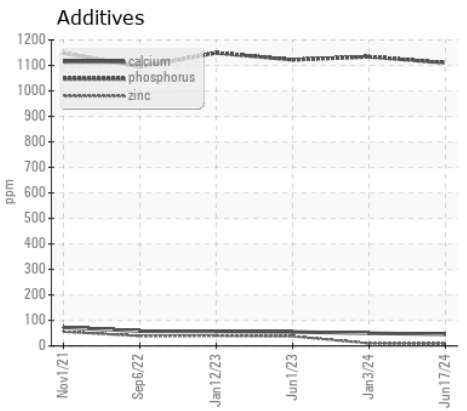
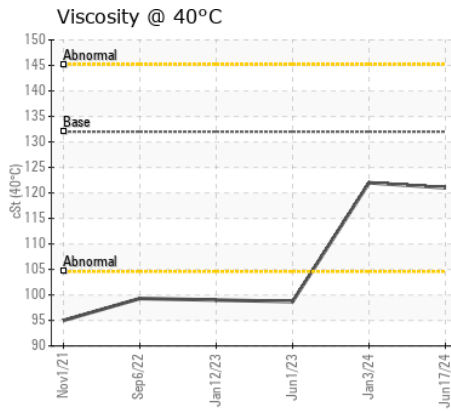
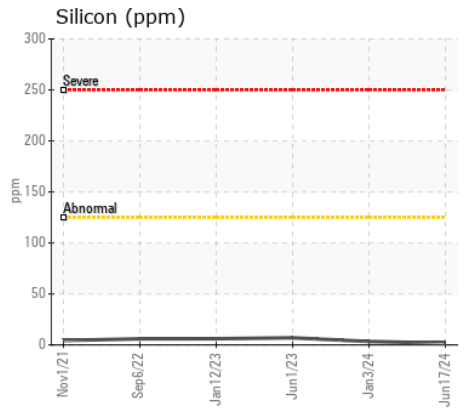
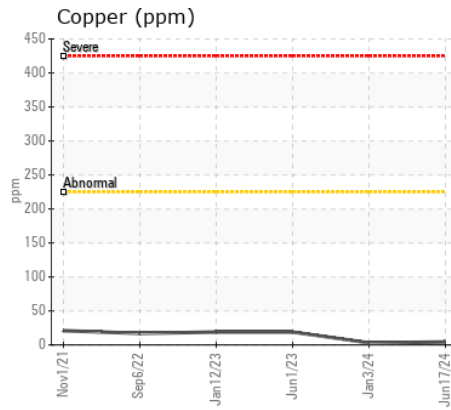
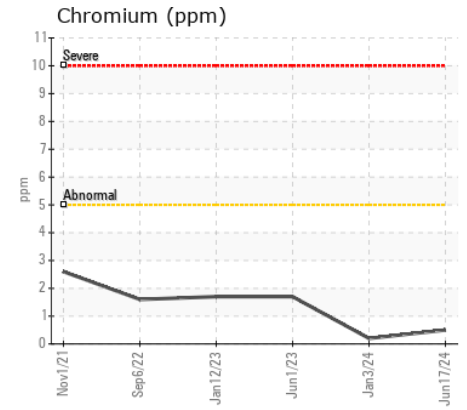
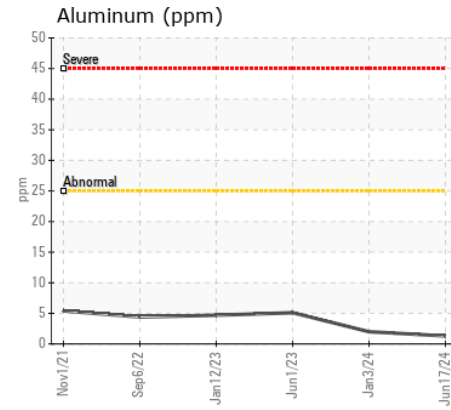
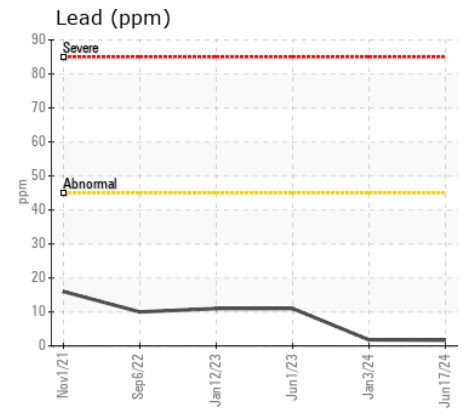
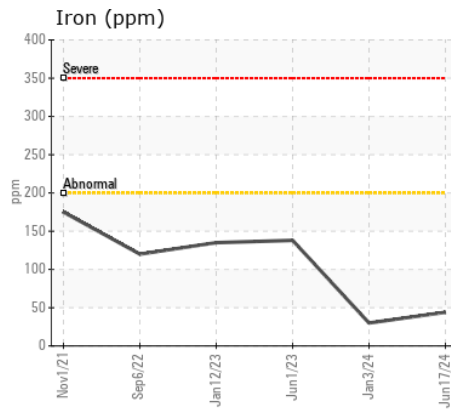
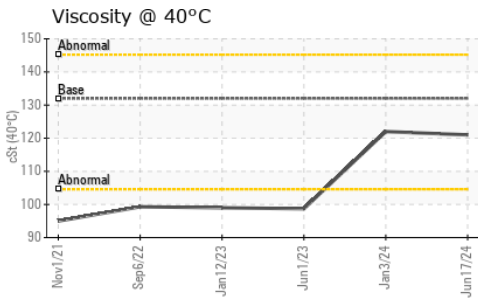
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>125	2	3	7
Potassium	ppm	ASTM D5185(m)	>20	3	2	2
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 condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		10	6	32
Boron	ppm	ASTM D5185(m)		250	250	198
Barium	ppm	ASTM D5185(m)		1	<1	6
Molybdenum	ppm	ASTM D5185(m)		<1	0	<1
Manganese	ppm	ASTM D5185(m)		1	<1	5
Magnesium	ppm	ASTM D5185(m)		1	2	5
Calcium	ppm	ASTM D5185(m)		46	50	55
Phosphorus	ppm	ASTM D5185(m)		1110	1134	1122
Zinc	ppm	ASTM D5185(m)		8	10	38
Sulfur	ppm	ASTM D5185(m)		1006	1092	4984
Visc @ 40°C	cSt	ASTM D7279(m)	132	121	▲ 122	▲ 98.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0941264 **Received** : 20 Jun 2024
Lab Number : 02643248 **Tested** : 20 Jun 2024
Unique Number : 5800787 **Diagnosed** : 20 Jun 2024 - Wes Davis
Test Package : MOB 1

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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.