



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[25197]

Machine Id

15-61

Component

Transmission (Manual)

Fluid

KENDALL SHP SYNTHETIC TRANSOIL 50 (--- GAL)

RECOMMENDATION

We advise that you check for visible metal particles in the fluid. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0941345	WC0842881	WC0745032
Sample Date		Client Info		26 Jun 2024	11 Oct 2023	03 Feb 2023
Machine Age	kms	Client Info		5703	167274	156770
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

Moderate concentration of visible metal present. Gear wear is indicated.

Iron	ppm	ASTM D5185(m)	>200	86	▲ 240	▲ 229
Chromium	ppm	ASTM D5185(m)	>5	<1	3	3
Nickel	ppm	ASTM D5185(m)	>5	<1	1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>7	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	8	▲ 27	▲ 26
Lead	ppm	ASTM D5185(m)	>45	0	2	2
Copper	ppm	ASTM D5185(m)	>225	23	84	78
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	▲ MODER	VLITE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

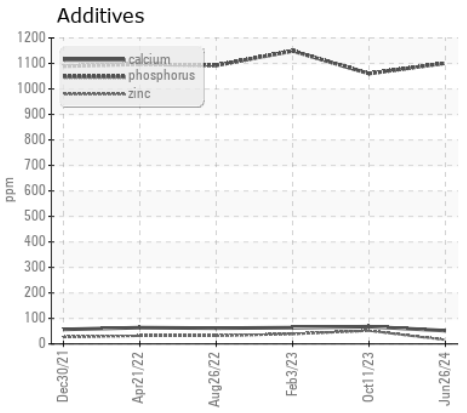
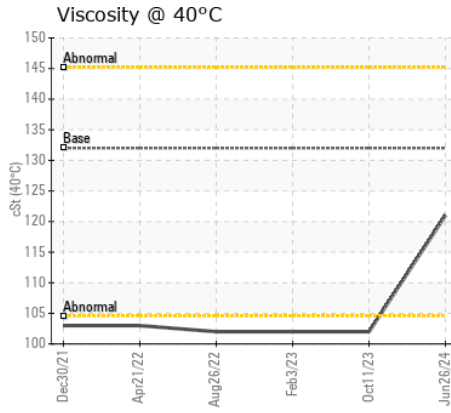
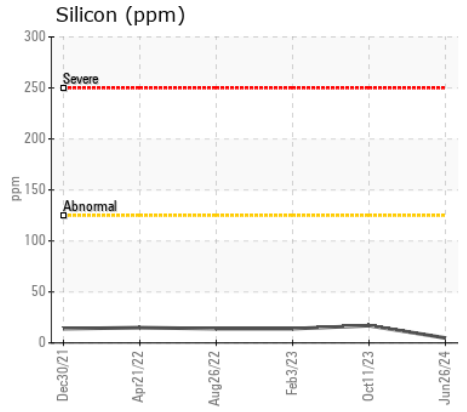
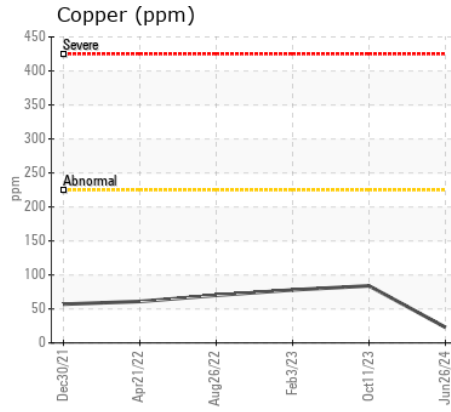
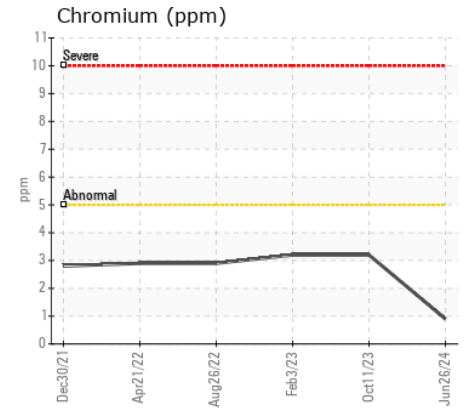
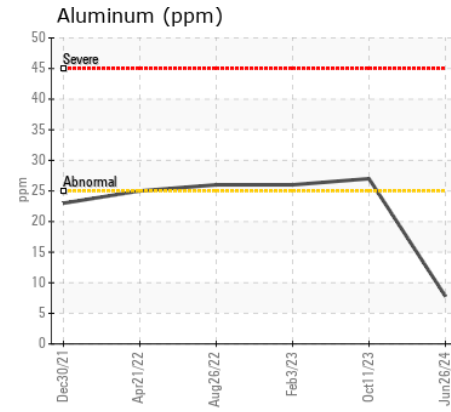
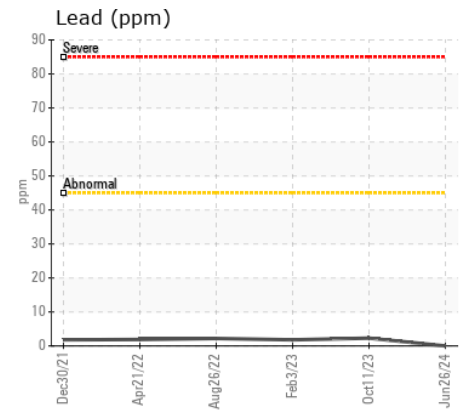
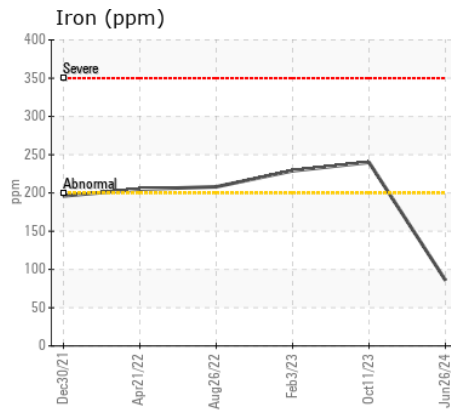
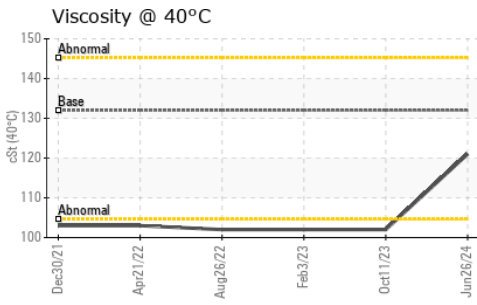
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>125	5	17	14
Potassium	ppm	ASTM D5185(m)	>20	<1	2	1
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	VLITE	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 is no longer serviceable as a result of the abnormal and/or severe wear.

Sodium	ppm	ASTM D5185(m)		23	88	90
Boron	ppm	ASTM D5185(m)		259	238	238
Barium	ppm	ASTM D5185(m)		3	11	11
Molybdenum	ppm	ASTM D5185(m)		<1	1	1
Manganese	ppm	ASTM D5185(m)		4	14	14
Magnesium	ppm	ASTM D5185(m)		3	9	10
Calcium	ppm	ASTM D5185(m)		52	68	64
Phosphorus	ppm	ASTM D5185(m)		1101	1060	1149
Zinc	ppm	ASTM D5185(m)		16	52	39
Sulfur	ppm	ASTM D5185(m)		428	682	705
Visc @ 40°C	cSt	ASTM D7279(m)	132	121	102	102



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0941345
Lab Number : 02644634
Unique Number : 5802173
Test Package : MOB 1 (Additional Tests: Bottom, BottomAnalysis, FilterPatch)

Received : 28 Jun 2024
Tested : 03 Jul 2024
Diagnosed : 03 Jul 2024 - Kevin Marson

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.

OX FLEET CARE
 466 HIGHWAY 52
 DUNDAS, ON
 CA L9H 5E2
 Contact: Robert Hughes
 robert.hughes@ox-equipment.com
 T: (289)683-6037
 F: