



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
A BURG T3
 Component
Power Take Off
 Fluid
GEAR OIL SAE 80W90 (1 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0867268	WC0815787	WC0661118
Sample Date		Client Info		14 May 2024	15 May 2023	09 May 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		105	70	90
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>200	14	35	26
Chromium	ppm	ASTM D5185(m)	>10	0	<1	<1
Nickel	ppm	ASTM D5185(m)		0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>50	0	<1	<1
Lead	ppm	ASTM D5185(m)	>50	0	1	<1
Copper	ppm	ASTM D5185(m)	>200	<1	3	3
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

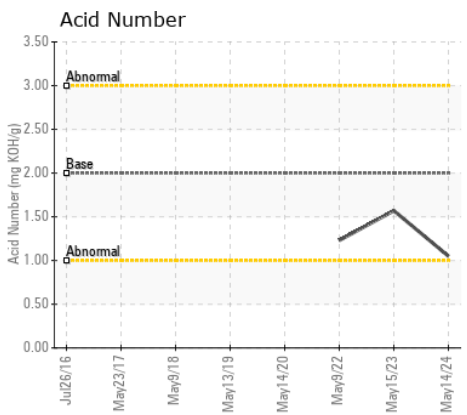
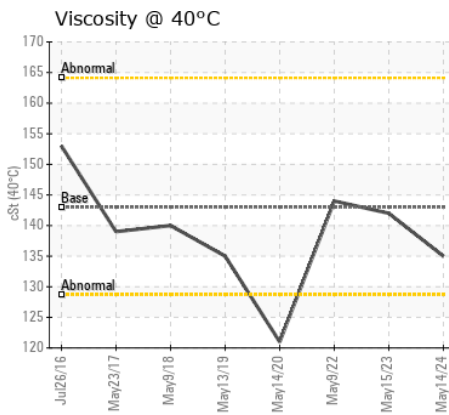
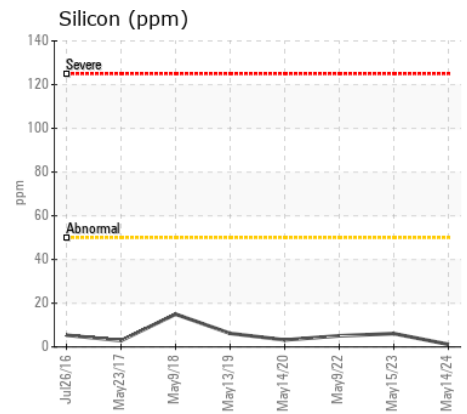
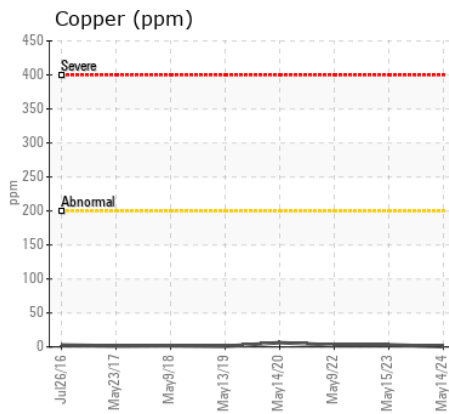
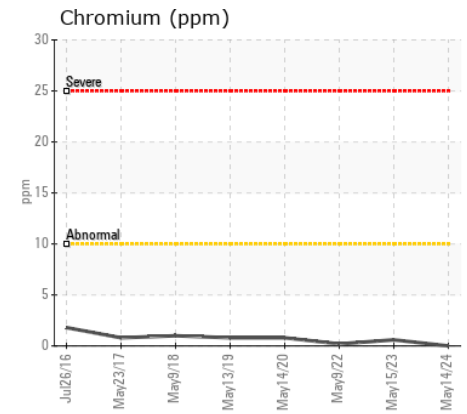
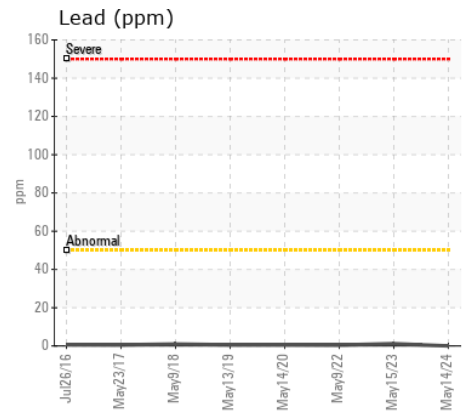
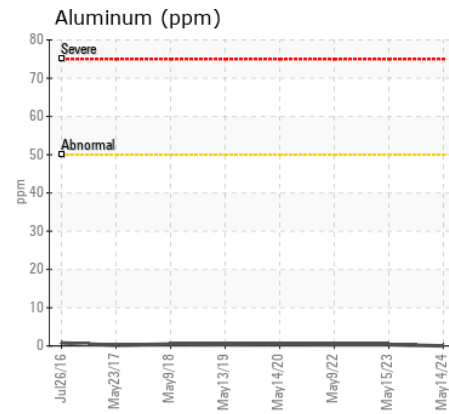
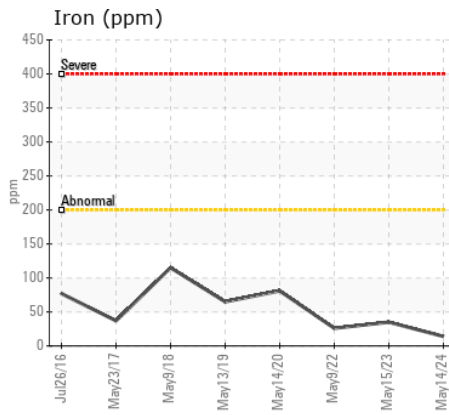
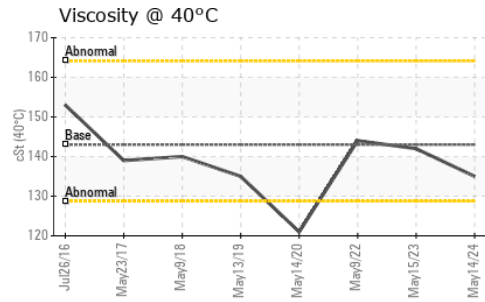
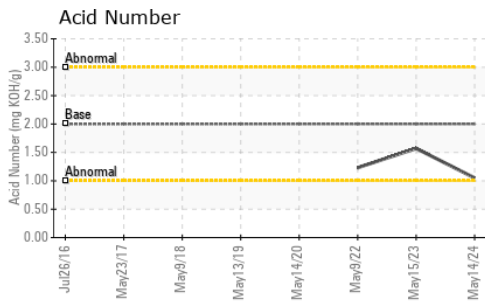
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	1	6	5
Potassium	ppm	ASTM D5185(m)	>20	0	0	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	VLITE
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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)	>170	1	2	1
Boron	ppm	ASTM D5185(m)	400	49	240	209
Barium	ppm	ASTM D5185(m)	200	0	0	0
Molybdenum	ppm	ASTM D5185(m)	12	0	0	0
Manganese	ppm	ASTM D5185(m)		0	1	<1
Magnesium	ppm	ASTM D5185(m)	12	<1	1	<1
Calcium	ppm	ASTM D5185(m)	150	8	4	7
Phosphorus	ppm	ASTM D5185(m)	1650	414	1058	1039
Zinc	ppm	ASTM D5185(m)	125	17	41	16
Sulfur	ppm	ASTM D5185(m)	22500	19468	17830	17428
Acid Number (AN)	mg KOH/g	ASTM D974*	2.00	1.05	1.57	1.23
Visc @ 40°C	cSt	ASTM D7279(m)	143	135	142	144



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0867268
Lab Number : 02637528
Unique Number : 5786690
Test Package : MOB 2 (Additional Tests: TAN Man)
Received : 24 May 2024
Tested : 24 May 2024
Diagnosed : 24 May 2024 - Wes Davis

Windsor Spring & Alignment Ltd.
 1016 Crawford Ave.
 Windsor, ON
 CA N9A 5C9
 Contact: Al Lemay
 windsorspring@hotmail.com
 T: (519)971-8895
 F: (519)971-8932

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.