MOB II WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
242
Component
Transmission (Auto)
Fluid
CASTROL TRANSYND (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

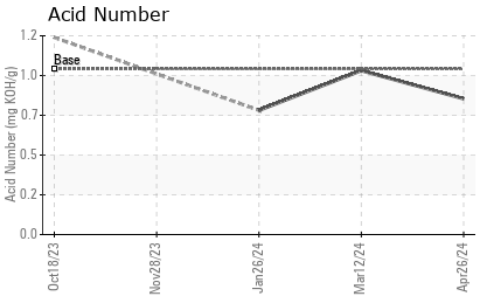
CONTAMINATION

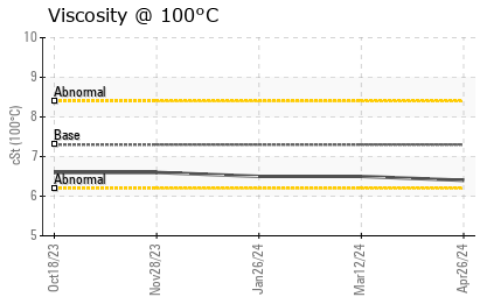
There is no indication of any contamination in the fluid.

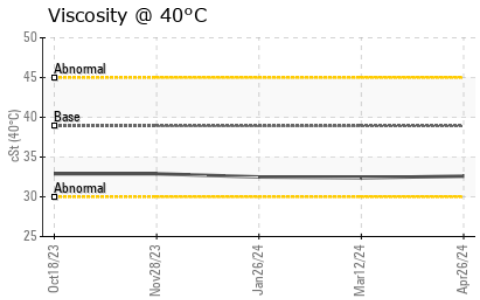
FLUID CONDITION

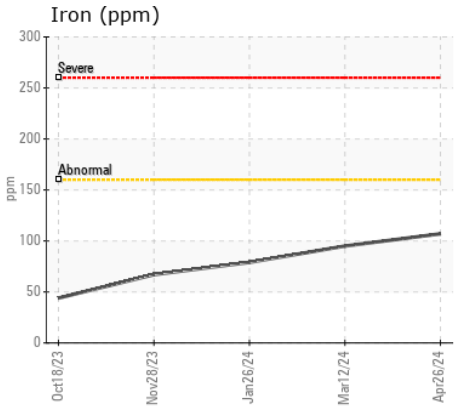
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

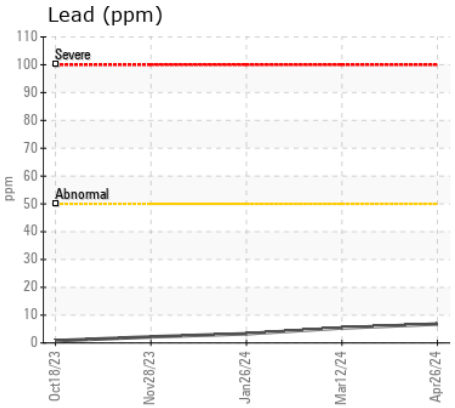
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0889018	WC0889048	WC0889153
Sample Date		Client Info		26 Apr 2024	12 Mar 2024	26 Jan 2024
Machine Age	kms	Client Info		0	0	0
Oil Age	kms	Client Info		48000	38646	29194
Filter Age	kms	Client Info		48000	38646	29194
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184*	>50	0	---	0
Iron	ppm	ASTM D5185(m)	>160	107	95	79
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	22	19	15
Lead	ppm	ASTM D5185(m)	>50	7	5	3
Copper	ppm	ASTM D5185(m)	>225	17	16	13
Tin	ppm	ASTM D5185(m)	>10	2	2	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	6	6	5
Potassium	ppm	ASTM D5185(m)	>20	2	2	3
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
Sodium	ppm	ASTM D5185(m)		5	4	4
Boron	ppm	ASTM D5185(m)	150	46	45	47
Barium	ppm	ASTM D5185(m)	0	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		2	1	1
Magnesium	ppm	ASTM D5185(m)	0	1	1	1
Calcium	ppm	ASTM D5185(m)	40	117	116	115
Phosphorus	ppm	ASTM D5185(m)	320	204	208	206
Zinc	ppm	ASTM D5185(m)	5	6	6	6
Sulfur	ppm	ASTM D5185(m)	1050	1449	1549	1567
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	0.82	0.99	0.75
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	32.6	32.4	32.5
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	6.4	6.5	6.5
Viscosity Index (VI)	Scale	ASTM D2270*	168	152	159	158

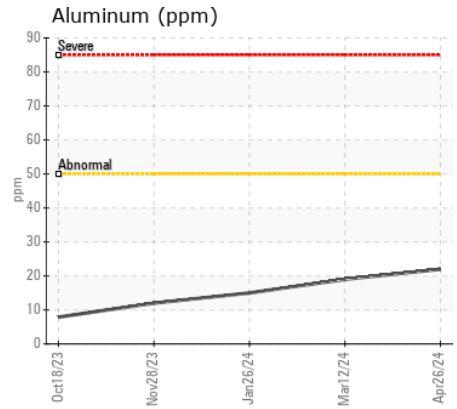


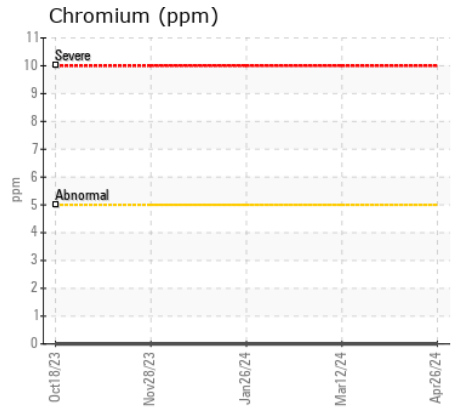


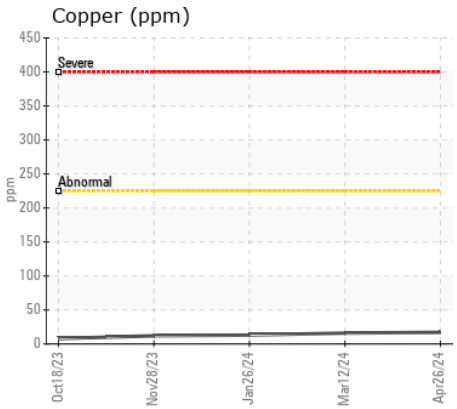


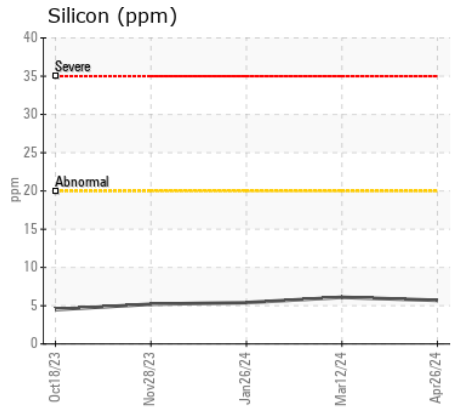


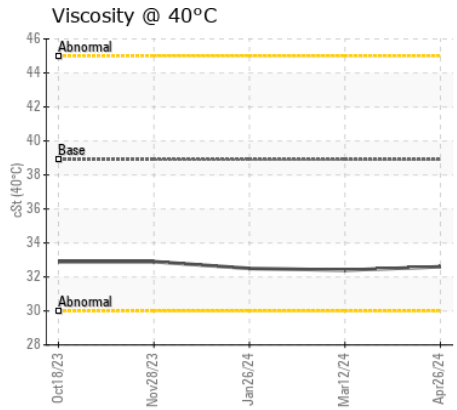


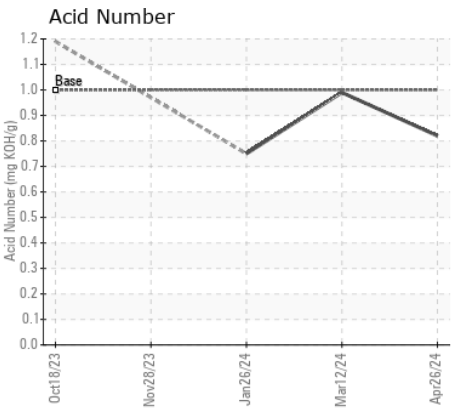












CALA Testing Accreditation No. 1005078
ISO 17025:2017 Accredited Laboratory

Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9		
Sample No.	: WC0889018	**Received**	: 06 May 2024
Lab Number	: 02633566	**Tested**	: 07 May 2024
Unique Number	: 5774719	**Diagnosed**	: 07 May 2024 - Wes Davis
Test Package	: MOB 2 (Additional Tests: KV100, PQ, VI)		

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.

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