



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
55104

Component
Hydraulic System

Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

WEAR

All component wear rates are normal.

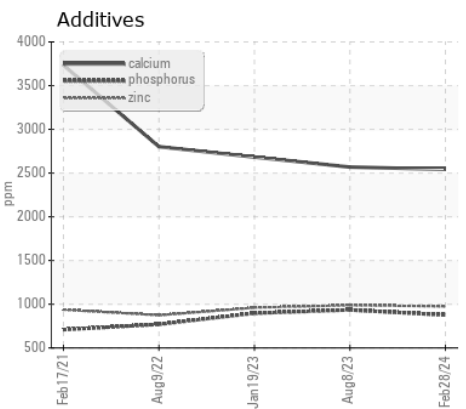
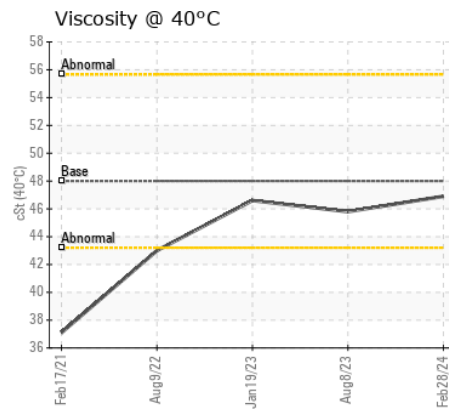
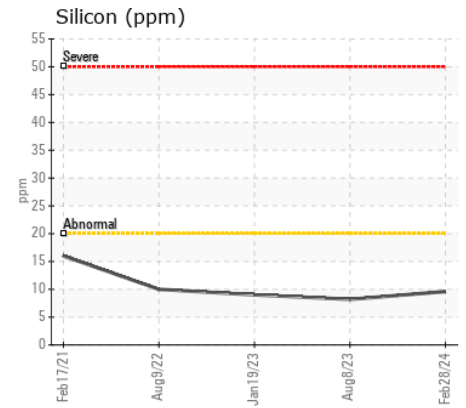
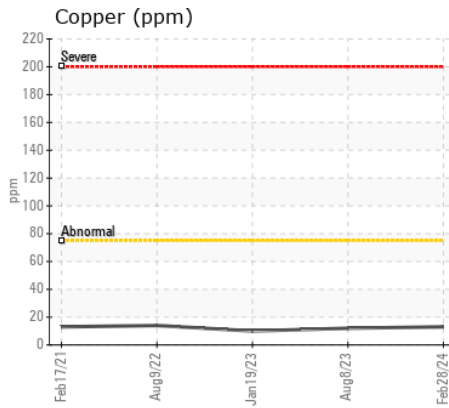
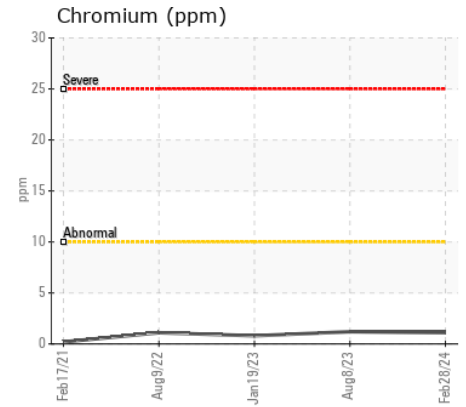
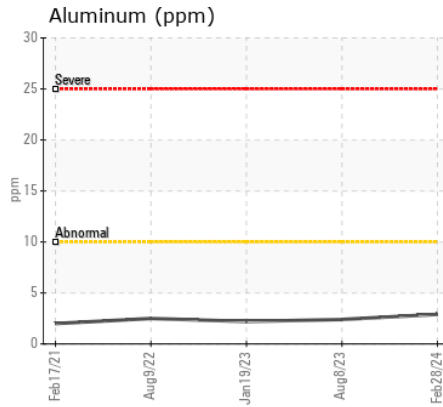
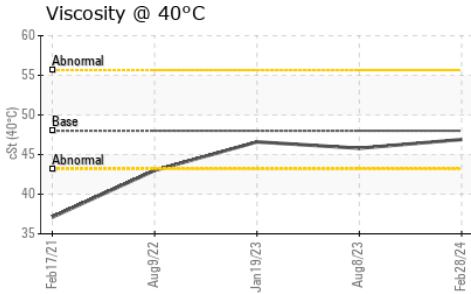
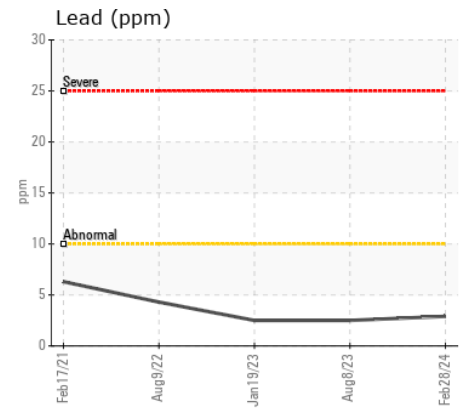
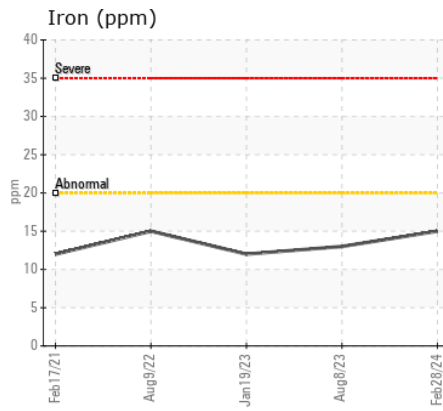
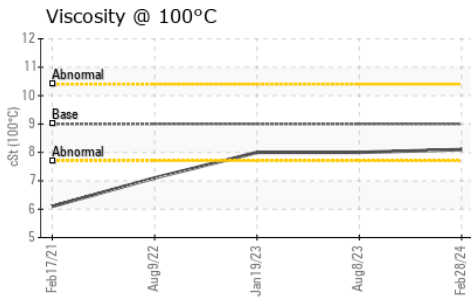
CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0084346	PC0077718	PC0067587
Sample Date		Client Info		28 Feb 2024	08 Aug 2023	19 Jan 2023
Machine Age	hrs	Client Info		4122	3647	3207
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>20	15	13	12
Chromium	ppm	ASTM D5185(m)	>10	1	1	<1
Nickel	ppm	ASTM D5185(m)	>10	<1	0	<1
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)		0	0	6
Aluminum	ppm	ASTM D5185(m)	>10	3	2	2
Lead	ppm	ASTM D5185(m)	>10	3	2	2
Copper	ppm	ASTM D5185(m)	>75	13	12	10
Tin	ppm	ASTM D5185(m)	>10	0	0	0
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	10	8	9
Potassium	ppm	ASTM D5185(m)	>20	2	2	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	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)		2	3	2
Boron	ppm	ASTM D5185(m)	10	4	5	3
Barium	ppm	ASTM D5185(m)	10	15	16	16
Molybdenum	ppm	ASTM D5185(m)	10	9	9	9
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)	100	152	141	135
Calcium	ppm	ASTM D5185(m)	3500	2543	2569	2683
Phosphorus	ppm	ASTM D5185(m)	1150	877	935	897
Zinc	ppm	ASTM D5185(m)	1150	975	988	960
Sulfur	ppm	ASTM D5185(m)	3000	4347	4151	4384
Visc @ 40°C	cSt	ASTM D7279(m)	48	46.9	45.8	46.6
Visc @ 100°C	cSt	ASTM D7279(m)	9.0	8.1	8	8
Viscosity Index (VI)	Scale	ASTM D2270*	171	146	147	143



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084346
Lab Number : 02618980
Unique Number : 5736090
Test Package : MOB 1 (Additional Tests: KV100, VI)
Received : 29 Feb 2024
Tested : 29 Feb 2024
Diagnosed : 29 Feb 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.
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 CA J3H 0M6
 Contact: Martin Trudel
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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.

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F: