

Area  
**MICHAUDVILLE**

Machine Id  
**5037**

Component  
**Hydraulic System**

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

### RECOMMENDATION

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. Re-sampling is suggested to confirm test results prior to significant maintenance activities being performed. Please indicate that this is a resample on your Sample Information Form (SIF). 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

Moderate concentration of visible metal present.

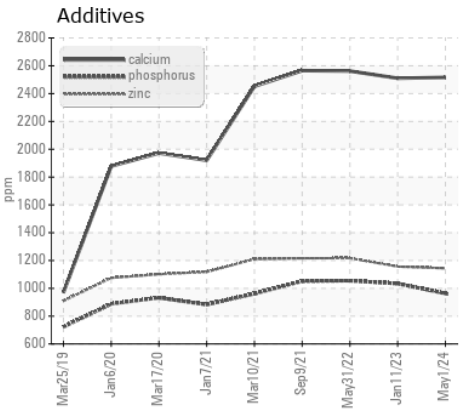
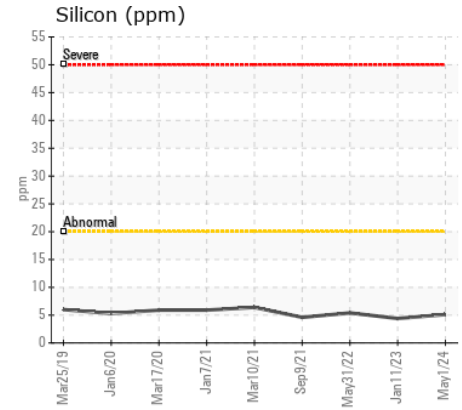
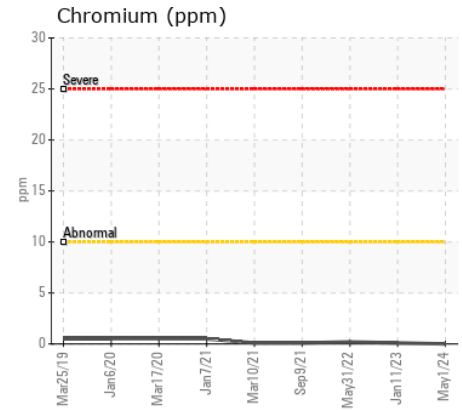
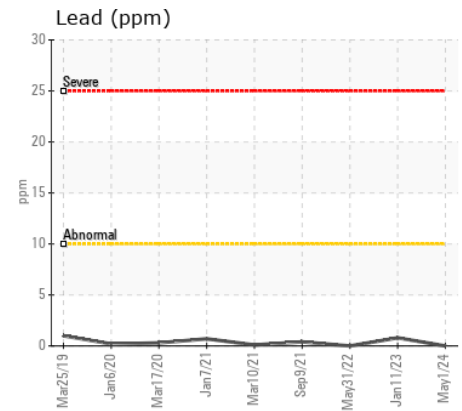
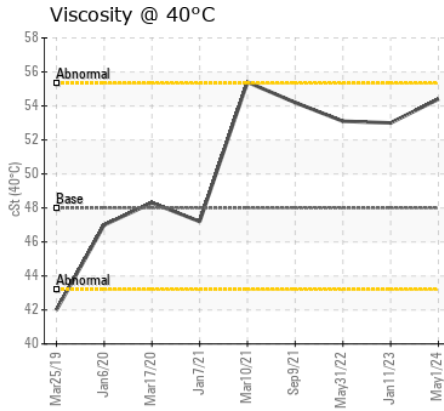
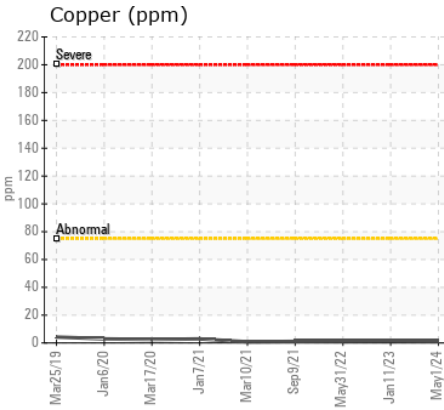
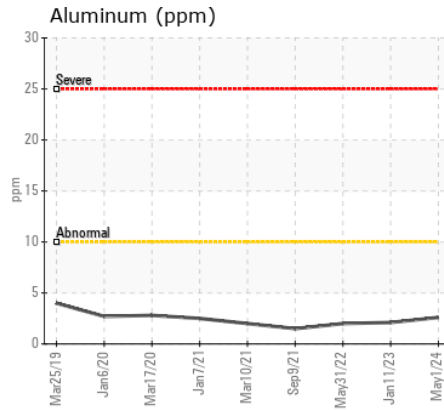
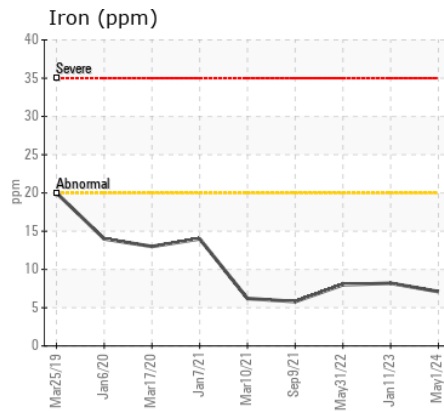
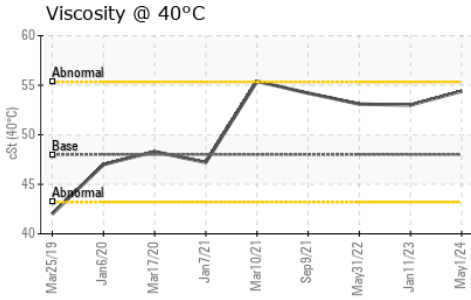
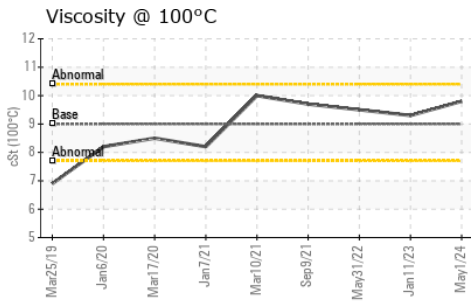
### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0083284</b>	PC0056613	PC0060413
Sample Date		Client Info		<b>01 May 2024</b>	11 Jan 2023	31 May 2022
Machine Age	hrs	Client Info		<b>11876</b>	10555	9159
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>SEVERE</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>20	<b>7</b>	8	8
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>10	<b>3</b>	2	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>75	<b>1</b>	2	1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>▲ LIGHT</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	<b>5</b>	4	5
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>6</b>	6	7
Boron	ppm	ASTM D5185(m)	10	<b>2</b>	3	3
Barium	ppm	ASTM D5185(m)	10	<b>1</b>	2	2
Molybdenum	ppm	ASTM D5185(m)	10	<b>9</b>	9	10
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	100	<b>167</b>	139	162
Calcium	ppm	ASTM D5185(m)	3500	<b>2516</b>	2510	2562
Phosphorus	ppm	ASTM D5185(m)	1150	<b>963</b>	1034	1055
Zinc	ppm	ASTM D5185(m)	1150	<b>1144</b>	1156	1217
Sulfur	ppm	ASTM D5185(m)	3000	<b>3597</b>	3724	3852
Visc @ 40°C	cSt	ASTM D7279(m)	48	<b>54.4</b>	53.0	53.1
Visc @ 100°C	cSt	ASTM D7279(m)	9.0	<b>9.8</b>	9.3	9.5
Viscosity Index (VI)	Scale	ASTM D2270*	171	<b>167</b>	159	164



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**Sample No.** : PC0083284

**Lab Number** : 02632807

**Unique Number** : 5773960

**Test Package** : MOB 1 ( Additional Tests: Bottom, BottomAnalysis, FilterPatch, KV100, VI )

**Received** : 02 May 2024

**Tested** : 03 May 2024

**Diagnosed** : 03 May 2024 - Kevin Marson

**LES ENTREPRISES MICHAUDVILLE INC.**

270 RUE BRUNET

MONTE ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

mtrudel@michaudville.com

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.

T:

F: