



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
CATERPILLAR 980H 2231005
Component
Transmission (Manual)
Fluid
TRANSAXLE OIL SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.

WEAR

All component wear rates are normal.

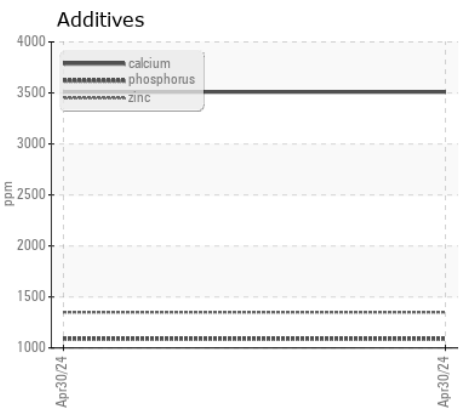
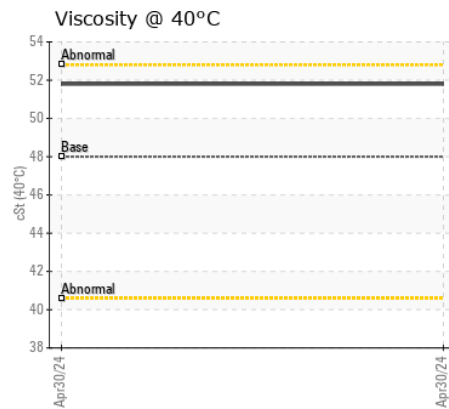
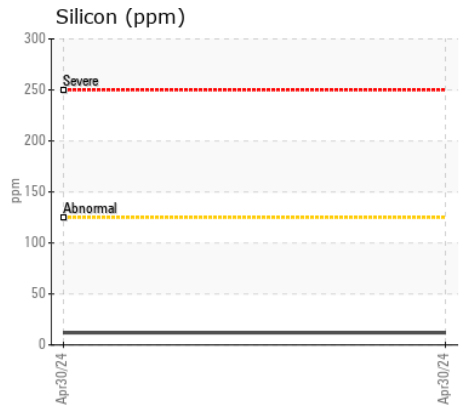
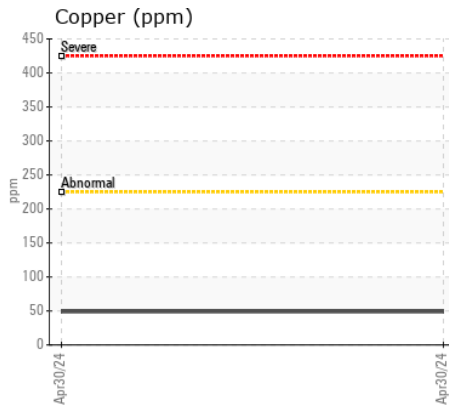
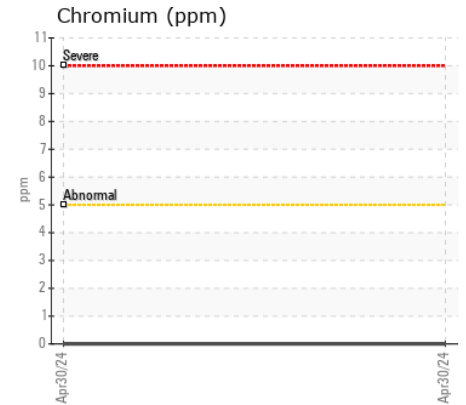
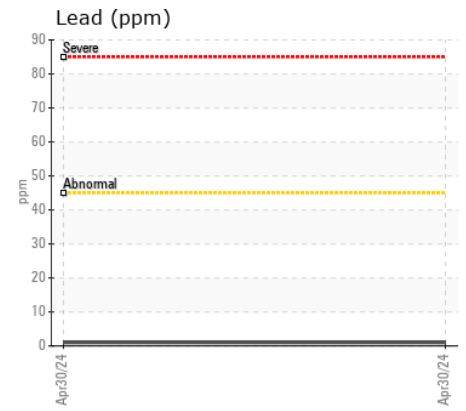
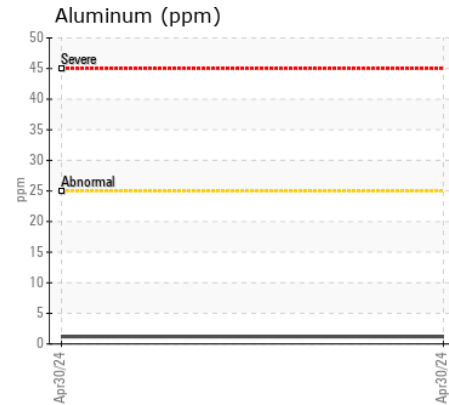
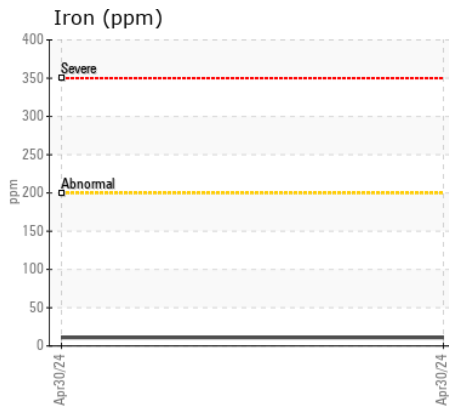
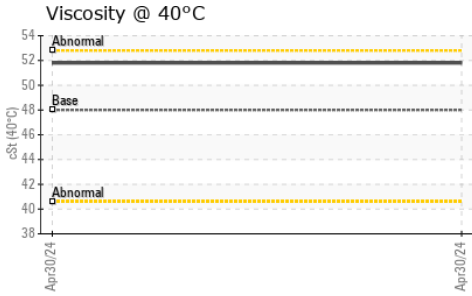
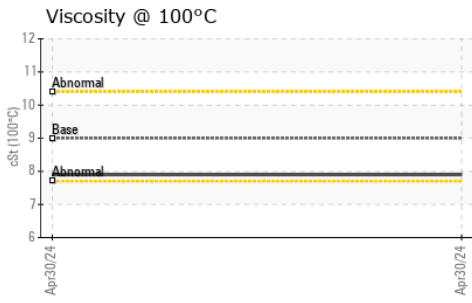
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088737	---	---
Sample Date		Client Info		30 Apr 2024	---	---
Machine Age	hrs	Client Info		21133	---	---
Oil Age	hrs	Client Info		360	---	---
Filter Age	hrs	Client Info		300	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185(m)	>200	11	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>7	0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	1	---	---
Lead	ppm	ASTM D5185(m)	>45	1	---	---
Copper	ppm	ASTM D5185(m)	>225	49	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>125	12	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185(m)		2	---	---
Boron	ppm	ASTM D5185(m)	160	89	---	---
Barium	ppm	ASTM D5185(m)	10	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	25	<1	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)	12	24	---	---
Calcium	ppm	ASTM D5185(m)	3750	3509	---	---
Phosphorus	ppm	ASTM D5185(m)	1200	1090	---	---
Zinc	ppm	ASTM D5185(m)	1500	1350	---	---
Sulfur	ppm	ASTM D5185(m)	6000	6976	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	48	51.8	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.0	7.9	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	171	120	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088737 **Received** : 03 May 2024
Lab Number : 02633184 **Tested** : 03 May 2024
Unique Number : 5774337 **Diagnosed** : 03 May 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, 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.

LAVIS CONTRACTING
 37462A HURON ROAD
 CLINTON, ON
 CA N0M 1L0
 Contact: Doug Francis
 dfrancis@lavis.ca
 T: (519)482-3694
 F: (519)482-7886