MOB LUBE 360 OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
124-1907
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

RECOMMENDATION

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

Aluminum, iron and lead ppm levels are abnormal. Torque converter wear is indicated. Clutch disc wear indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

CONTAMINATION

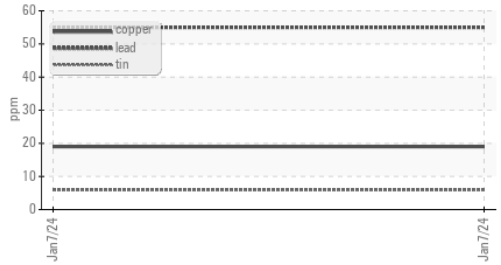
There is no indication of any contamination in the fluid.

FLUID CONDITION

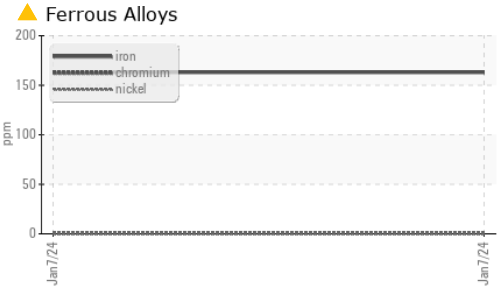
The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0072683	---	---
Sample Date		Client Info		07 Jan 2024	---	---
Machine Age	hrs	Client Info		170000	---	---
Oil Age	hrs	Client Info		170000	---	---
Filter Age	hrs	Client Info		170000	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184*	>50	2	---	---
Iron	ppm	ASTM D5185(m)	>160	▲ 163	---	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	▲ 84	---	---
Lead	ppm	ASTM D5185(m)	>50	▲ 55	---	---
Copper	ppm	ASTM D5185(m)	>225	19	---	---
Tin	ppm	ASTM D5185(m)	>10	6	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	13	---	---
Potassium	ppm	ASTM D5185(m)	>20	6	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185(m)		8	---	---
Boron	ppm	ASTM D5185(m)	78	87	---	---
Barium	ppm	ASTM D5185(m)		<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)		2	---	---
Magnesium	ppm	ASTM D5185(m)	0	<1	---	---
Calcium	ppm	ASTM D5185(m)	113	44	---	---
Phosphorus	ppm	ASTM D5185(m)	222	273	---	---
Zinc	ppm	ASTM D5185(m)		7	---	---
Sulfur	ppm	ASTM D5185(m)	1326	554	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	36.1	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.0	7	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	167	158	---	---

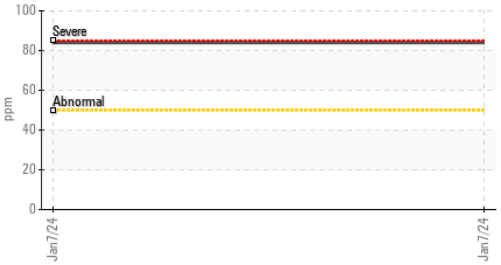
Non-ferrous Metals



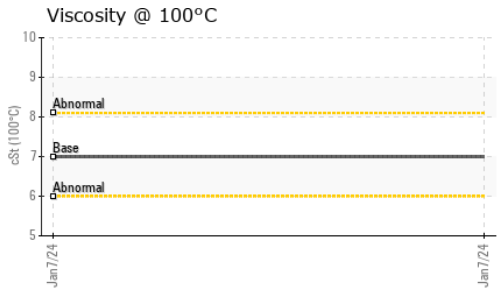
Ferrous Alloys



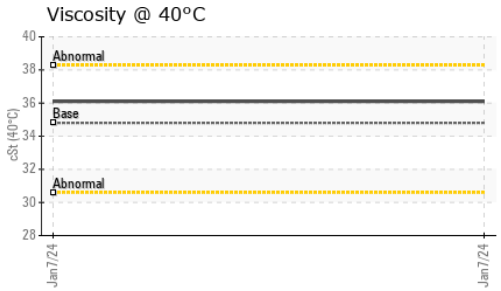
Aluminum (ppm)



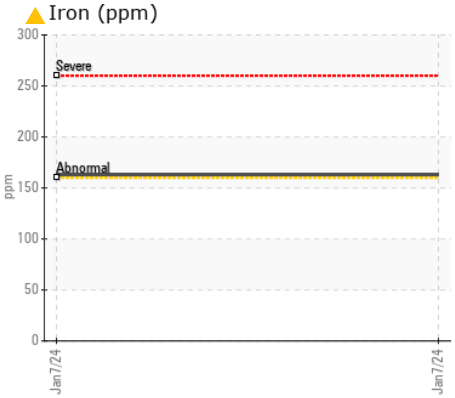
Viscosity @ 100°C



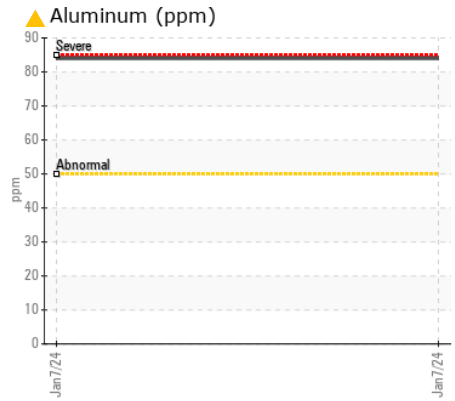
Viscosity @ 40°C



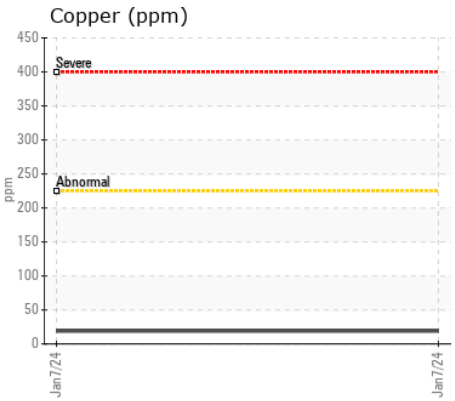
Iron (ppm)



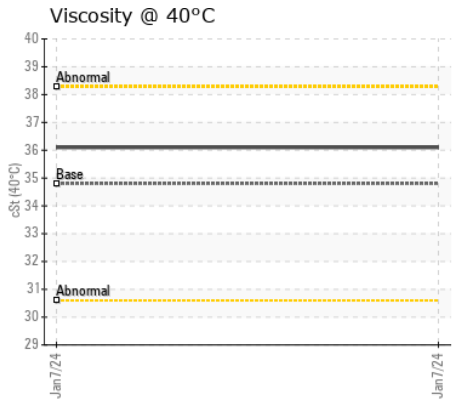
Aluminum (ppm)



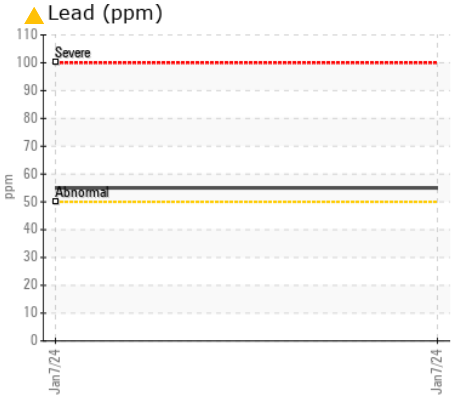
Copper (ppm)



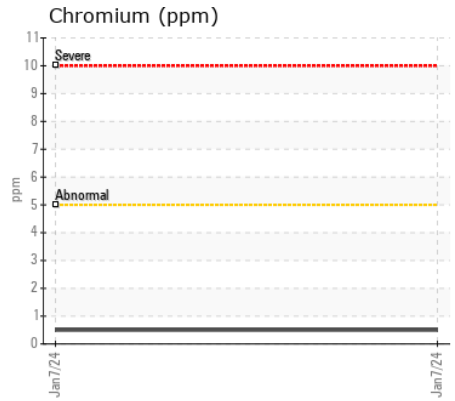
Viscosity @ 40°C



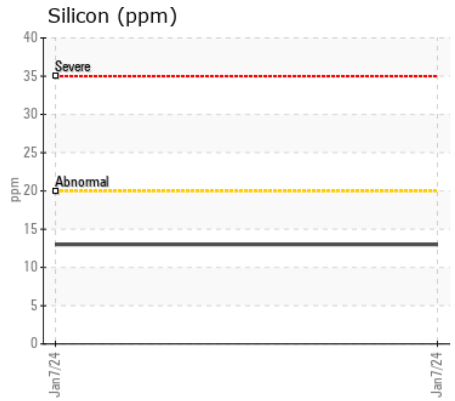
Lead (ppm)



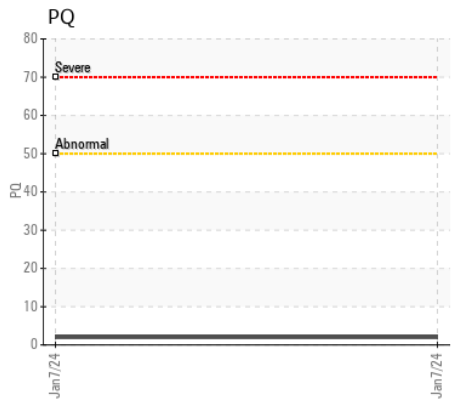
Chromium (ppm)



Silicon (ppm)



PQ



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0072683 **Recieved** : 15 Jan 2024
Lab Number : 02608753 **Diagnosed** : 16 Jan 2024
Unique Number : 5709839 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (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.

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