MOB I
Dura-Check Fluid Analysis
OIL ANALYSIS REPORT

Machine Id
TRIOLIET MIXER
Component
Transmission (Auto)
Fluid
DURALENE Syn ATF (--- GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**DC0033573**	---	---
Sample Date		Client Info		**11 Apr 2024**	---	---
Machine Age	hrs	Client Info		**5014**	---	---
Oil Age	hrs	Client Info		**1838**	---	---
Filter Age	hrs	Client Info		**1838**	---	---
Oil Changed		Client Info		**Changed**	---	---
Filter Changed		Client Info		**Changed**	---	---
Sample Status				**ABNORMAL**	---	---

WEAR

All component wear rates are normal.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>160	**63**	---	---
Chromium	ppm	ASTM D5185m	>5	**<1**	---	---
Nickel	ppm	ASTM D5185m	>5	**0**	---	---
Titanium	ppm	ASTM D5185m		**<1**	---	---
Silver	ppm	ASTM D5185m	>5	**0**	---	---
Aluminum	ppm	ASTM D5185m	>50	**<1**	---	---
Lead	ppm	ASTM D5185m	>50	**0**	---	---
Copper	ppm	ASTM D5185m	>225	**<1**	---	---
Tin	ppm	ASTM D5185m	>10	**0**	---	---
Vanadium	ppm	ASTM D5185m		**0**	---	---
White Metal	scalar	*Visual	NONE	**NONE**	---	---
Yellow Metal	scalar	*Visual	NONE	**NONE**	---	---

CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>20	▲ **29**	---	---
Potassium	ppm	ASTM D5185m	>20	**2**	---	---
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**	---	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		**4**	---	---
Boron	ppm	ASTM D5185m		**63**	---	---
Barium	ppm	ASTM D5185m		**0**	---	---
Molybdenum	ppm	ASTM D5185m		**5**	---	---
Manganese	ppm	ASTM D5185m		**<1**	---	---
Magnesium	ppm	ASTM D5185m		**0**	---	---
Calcium	ppm	ASTM D5185m		**197**	---	---
Phosphorus	ppm	ASTM D5185m		**161**	---	---
Zinc	ppm	ASTM D5185m		**40**	---	---
Sulfur	ppm	ASTM D5185m		**1912**	---	---
Visc @ 40°C	cSt	ASTM D445		**29.7**	---	---

Silicon (ppm)
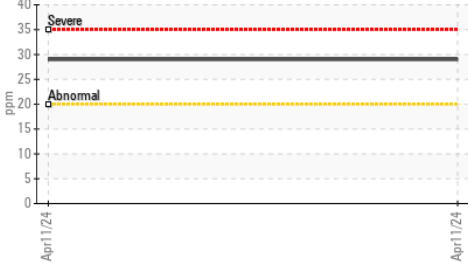
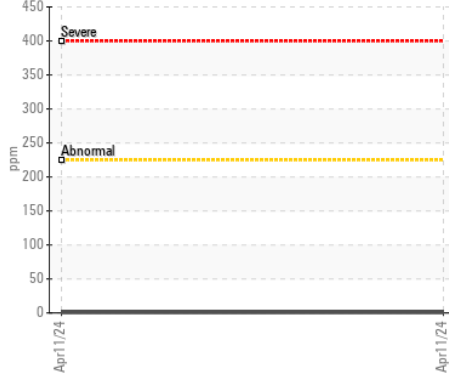## Iron (ppm)
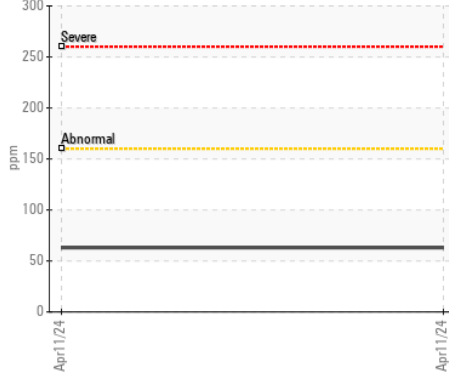
Lead (ppm)
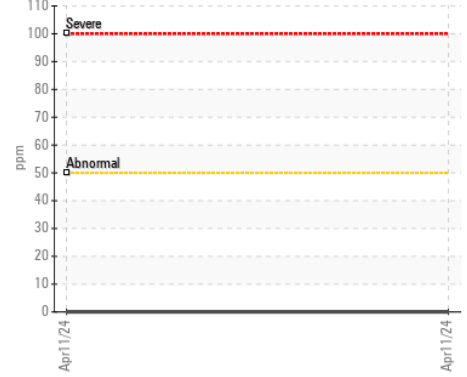
Viscosity @ 40°C
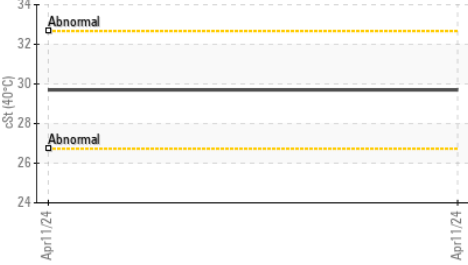
Aluminum (ppm)
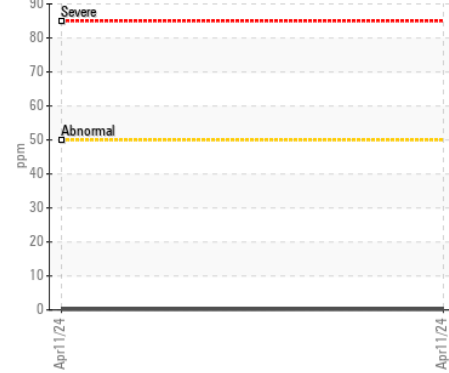
Chromium (ppm)
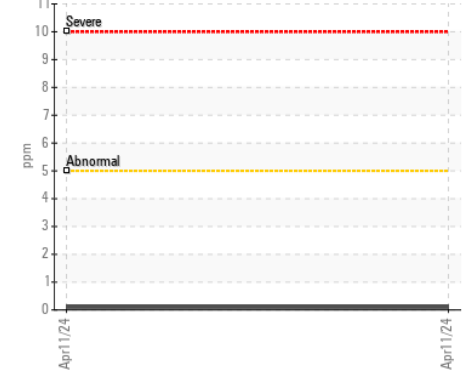
Copper (ppm)

Silicon (ppm)
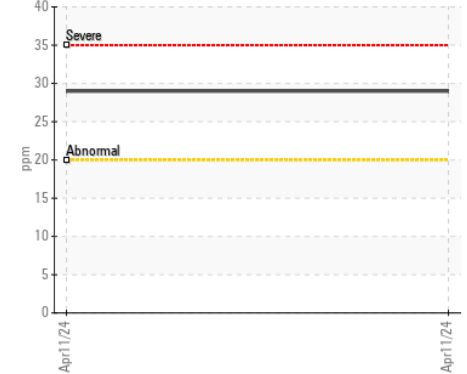
Viscosity @ 40°C

Additives

ANAB ACCREDITED TESTING LABORATORY
Certificate L2367