TRAAP
Texas Refinery Advanced Analysis Program

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
DODGE 262 GEC
Component
Transmission (Auto)
Fluid
TRC ATF (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

Lead ppm levels are abnormal. Clutch disc wear indicated.

CONTAMINATION

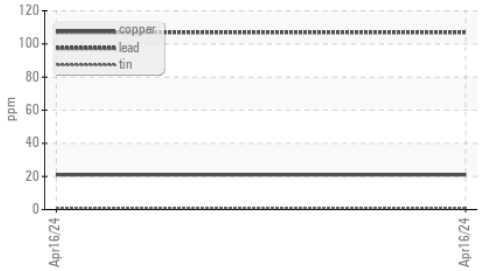
There is a moderate concentration of dirt present in the fluid. High amount of ingressed dirt has caused abrasive wear to the component.

FLUID CONDITION

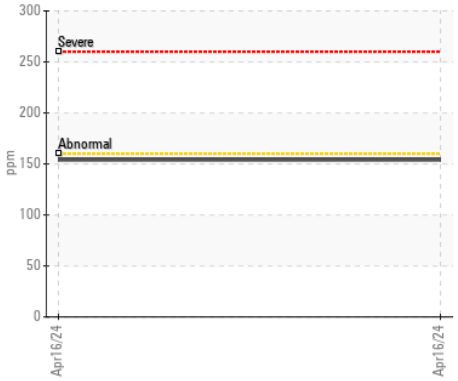
The AN level is acceptable for this fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR02632820	---	---
Sample Date		Client Info		16 Apr 2024	---	---
Machine Age	hrs	Client Info		693319	---	---
Oil Age	hrs	Client Info		391469	---	---
Filter Age	hrs	Client Info		391469	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184*	>50	8	---	---
Iron	ppm	ASTM D5185(m)	>160	154	---	---
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	20	---	---
Lead	ppm	ASTM D5185(m)	>50	▲ 107	---	---
Copper	ppm	ASTM D5185(m)	>225	21	---	---
Tin	ppm	ASTM D5185(m)	>10	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	▲ 26	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
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)		12	---	---
Boron	ppm	ASTM D5185(m)		284	---	---
Barium	ppm	ASTM D5185(m)		<1	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		2	---	---
Magnesium	ppm	ASTM D5185(m)		2	---	---
Calcium	ppm	ASTM D5185(m)		124	---	---
Phosphorus	ppm	ASTM D5185(m)		688	---	---
Zinc	ppm	ASTM D5185(m)		10	---	---
Sulfur	ppm	ASTM D5185(m)		2060	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		2.53	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		29.7	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		6.0	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		153	---	---

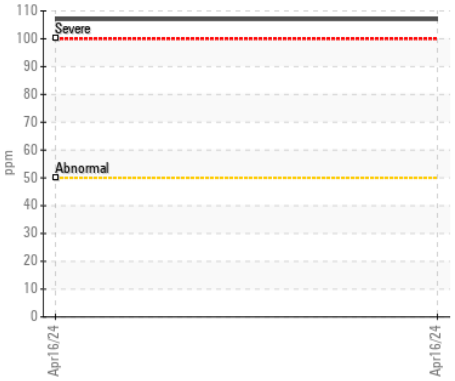
Non-ferrous Metals



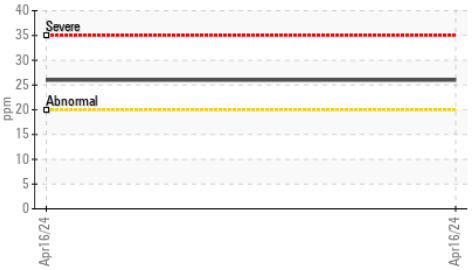
Iron (ppm)



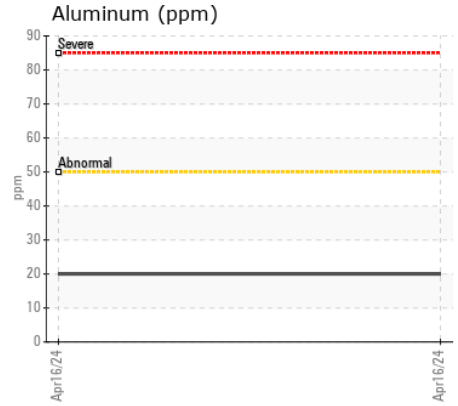
Lead (ppm)



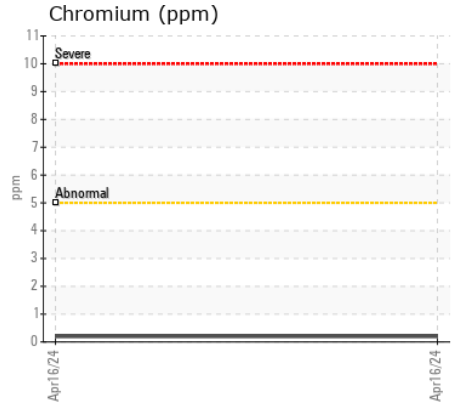
Silicon (ppm)



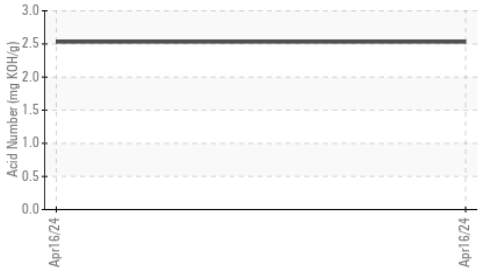
Aluminum (ppm)



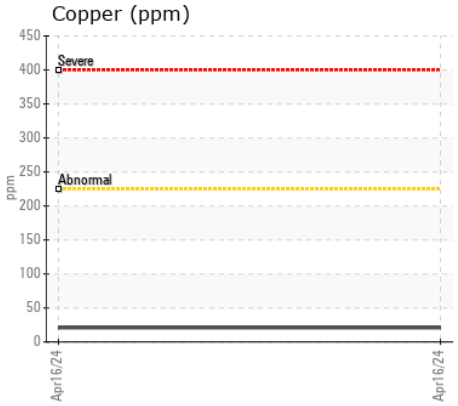
Chromium (ppm)



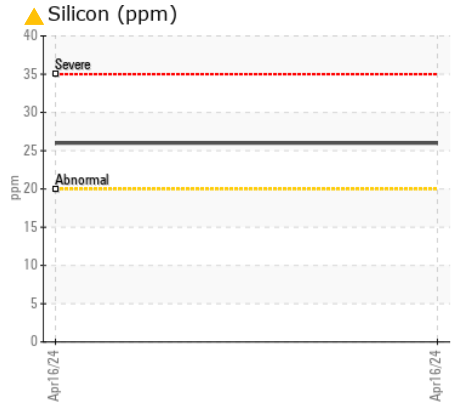
Acid Number



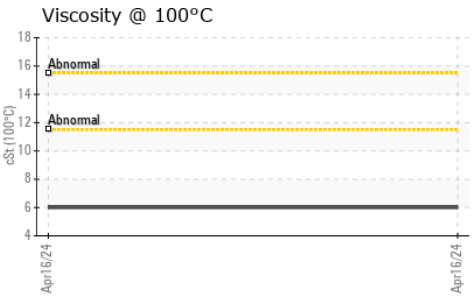
Copper (ppm)



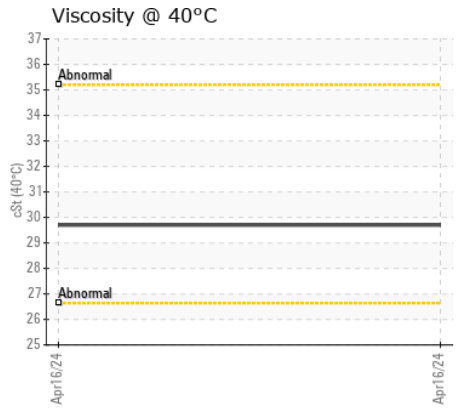
Silicon (ppm)



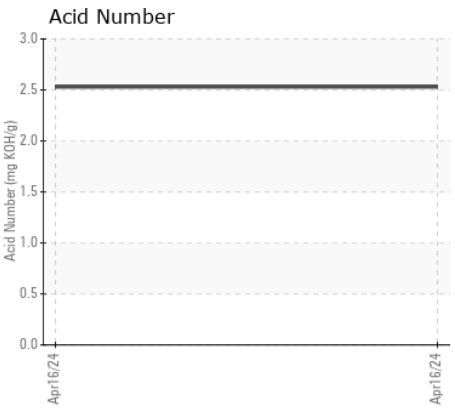
Viscosity @ 100°C



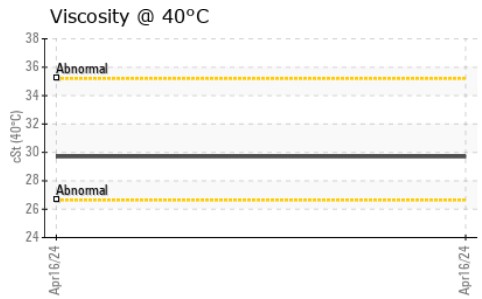
Viscosity @ 40°C



Acid Number



Viscosity @ 40°C



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : TR02632820 **Received** : 02 May 2024
Lab Number : 02632820 **Tested** : 02 May 2024
Unique Number : 5773973 **Diagnosed** : 03 May 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: KV100, PQ, TAN Man, VI)

To discuss this sample report, contact Customer Service at 1-800-827-0711.
** - Denotes test methods that are outside of the ISO 17025 scope of accreditation.*
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

MATTHEW KUBIN
709 TEMPERANCE ST
SASKATOON, SK
CA S7L 0M6
Contact: Matthew Kubin

T: (306)715-4221
F: