



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
DODGE 27332-01T
 Component
Transmission
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

We advise that you inspect for the source(s) of wear.

WEAR

Gear wear is indicated. Torque converter wear is indicated. Bearing and/or bushing wear is indicated.

CONTAMINATION

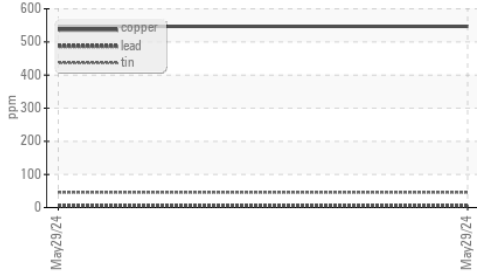
There is no indication of any contamination in the fluid.

FLUID CONDITION

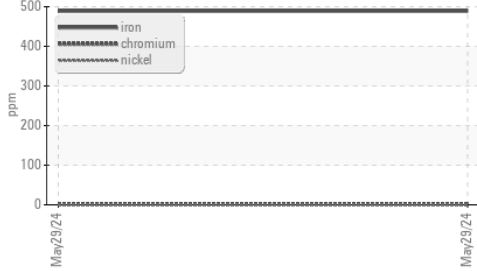
The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WCM2278679	---	---
Sample Date		Client Info		29 May 2024	---	---
Machine Age	mls	Client Info		0	---	---
Oil Age	mls	Client Info		0	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>200	▲ 489	---	---
Chromium	ppm	ASTM D5185m	>10	1	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>50	▲ 70	---	---
Lead	ppm	ASTM D5185m	>50	6	---	---
Copper	ppm	ASTM D5185m	>200	▲ 547	---	---
Tin	ppm	ASTM D5185m	>10	▲ 46	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>50	27	---	---
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	---	---
Sodium	ppm	ASTM D5185m		14	---	---
Boron	ppm	ASTM D5185m		69	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		13	---	---
Magnesium	ppm	ASTM D5185m		2	---	---
Calcium	ppm	ASTM D5185m		704	---	---
Phosphorus	ppm	ASTM D5185m		444	---	---
Zinc	ppm	ASTM D5185m		46	---	---
Sulfur	ppm	ASTM D5185m		2057	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.80	---	---
Visc @ 40°C	cSt	ASTM D445		27.0	---	---

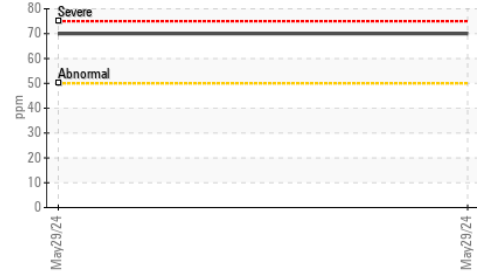
▲ Non-ferrous Metals



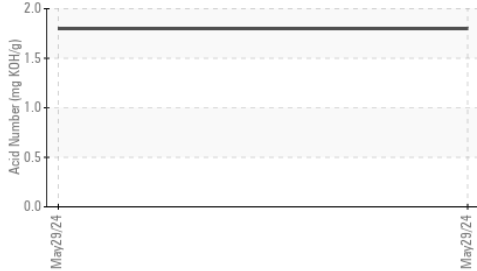
▲ Ferrous Alloys



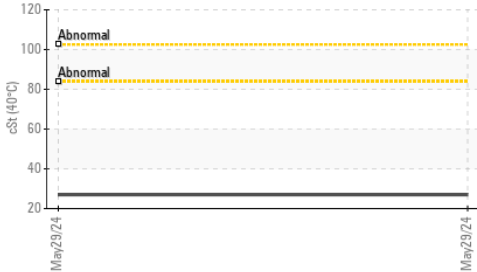
▲ Aluminum (ppm)



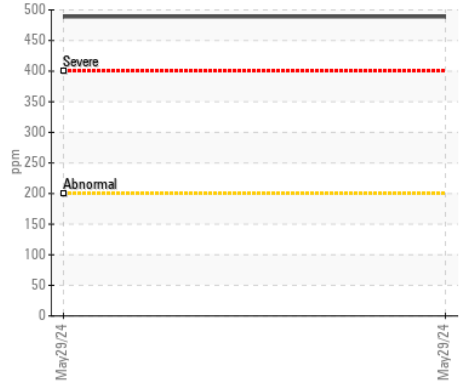
Acid Number



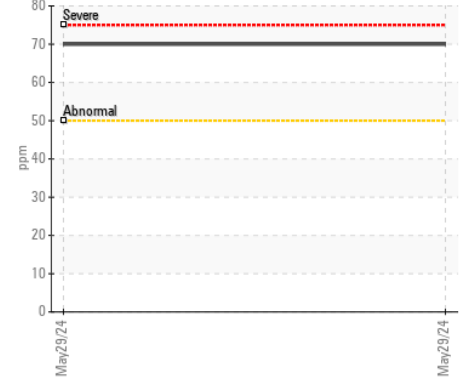
Viscosity @ 40°C



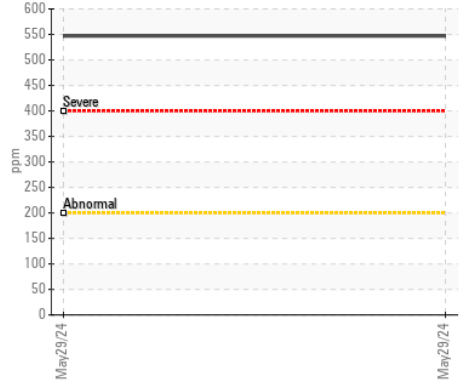
▲ Iron (ppm)



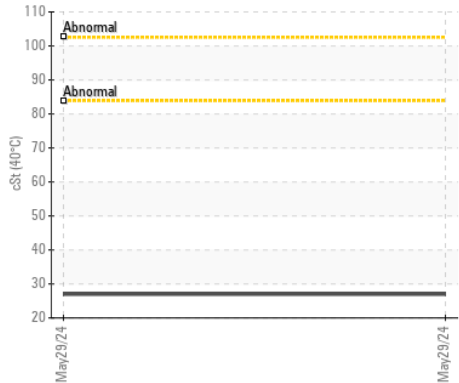
▲ Aluminum (ppm)



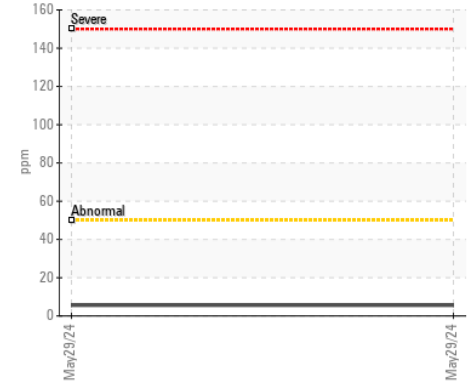
▲ Copper (ppm)



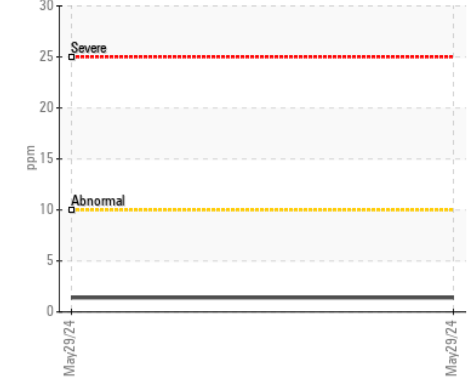
Viscosity @ 40°C



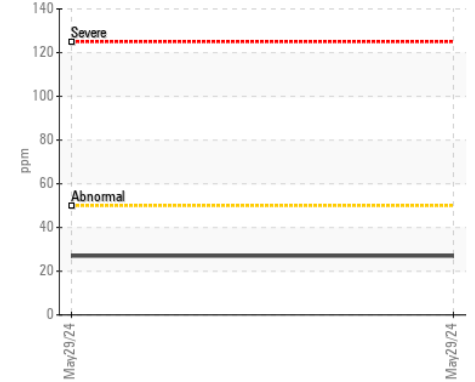
Lead (ppm)



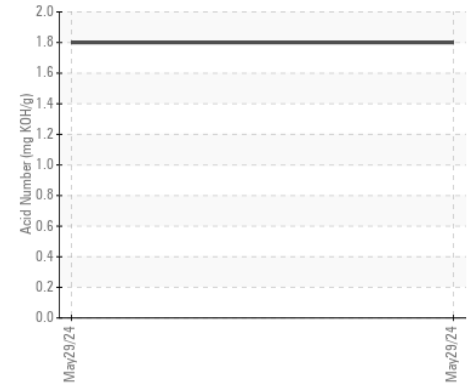
Chromium (ppm)



Silicon (ppm)



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WCM2278679

Lab Number : 06195999

Unique Number : 11058122

Test Package : MOB 2 (Additional Tests: Glycol)

Received : 30 May 2024

Tested : 04 Jun 2024

Diagnosed : 04 Jun 2024 - Jonathan Hester

NORTH AMERICAN WEST AUTOMOTIVE FORENSIC SERVICES

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US 92690

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)