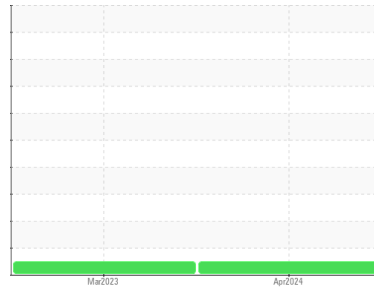


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT813
Component
Rear Differential
Fluid
CHEVRON RPM SYNTHETIC GEAR 75W90 (12 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0120570	PCA0089279	---
Sample Date	Client Info		19 Apr 2024	03 Mar 2023	---
Machine Age	mls	Client Info	71518	25520	---
Oil Age	mls	Client Info	71518	25520	---
Oil Changed	Client Info		Changed	Not Changd	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >1200	206	167	---
Chromium	ppm	ASTM D5185m >8	1	<1	---
Nickel	ppm	ASTM D5185m >20	9	5	---
Titanium	ppm	ASTM D5185m >4	<1	<1	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >30	2	2	---
Lead	ppm	ASTM D5185m >25	0	0	---
Copper	ppm	ASTM D5185m >50	1	1	---
Tin	ppm	ASTM D5185m >5	<1	0	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	<1	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	160	174	---
Barium	ppm	ASTM D5185m	1	0	---
Molybdenum	ppm	ASTM D5185m	2	2	---
Manganese	ppm	ASTM D5185m	4	3	---
Magnesium	ppm	ASTM D5185m	12	14	---
Calcium	ppm	ASTM D5185m	70	67	---
Phosphorus	ppm	ASTM D5185m	1157	1063	---
Zinc	ppm	ASTM D5185m	43	38	---
Sulfur	ppm	ASTM D5185m	30106	28743	---

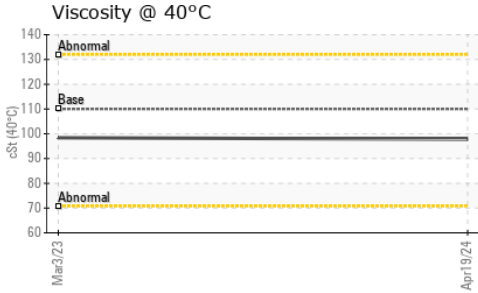
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >230	79	69	---
Sodium	ppm	ASTM D5185m	5	4	---
Potassium	ppm	ASTM D5185m >20	3	<1	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	LIGHT	NONE	---
Debris	scalar	*Visual NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

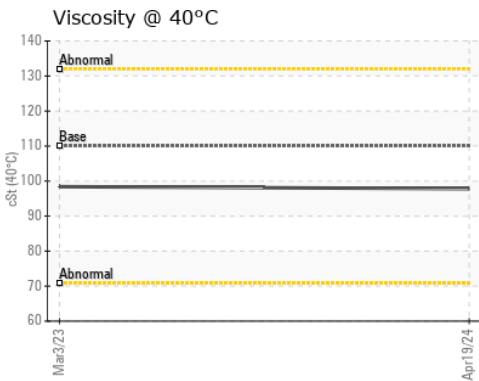
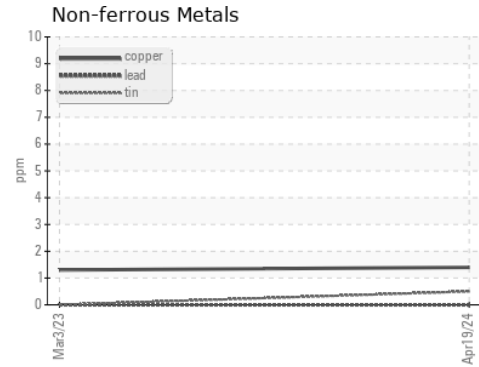
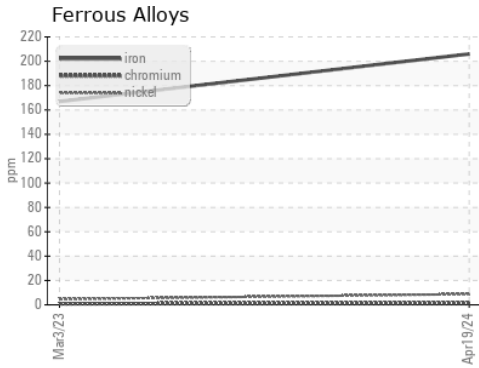
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	110	97.8	98.4	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0120570
Lab Number : 06195723
Unique Number : 11057846
Test Package : FLEET

Received : 30 May 2024
Tested : 31 May 2024
Diagnosed : 01 Jun 2024 - Don Baldrige

NW WHITE & CO - GREER DIVISION
 1060 ROGERS BRIDGE RD
 DUNCAN, SC
 US 29334

Contact: Matt Quinlan
 mquinlan@nwwhite.com
 T: (864)905-8506

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)