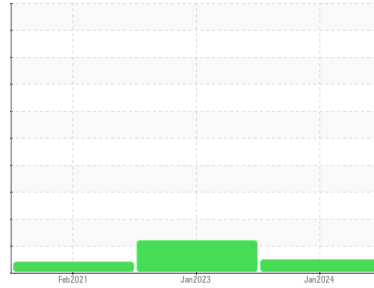


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT744
Component
Rear Differential
Fluid
CHEVRON DELO SYNTHETIC GEAR 75W90 (--- 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 fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0089137	PCA0089219	PCA0042784
Sample Date	Client Info		08 Jan 2024	30 Jan 2023	16 Feb 2021
Machine Age	mls	Client Info	117199	117199	25826
Oil Age	mls	Client Info	156466	16343	0
Oil Changed	Client Info		Changed	Not Changd	N/A
Sample Status			NORMAL	ABNORMAL	ABNORMAL

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >1200	318	283	171
Chromium	ppm	ASTM D5185m >8	2	2	1
Nickel	ppm	ASTM D5185m >20	17	13	5
Titanium	ppm	ASTM D5185m >4	1	1	0
Silver	ppm	ASTM D5185m	0	0	4
Aluminum	ppm	ASTM D5185m >30	26	21	5
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	<1	1	<1
Tin	ppm	ASTM D5185m >5	0	0	0
Antimony	ppm	ASTM D5185m >5	---	---	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	177	212	217
Barium	ppm	ASTM D5185m	2	<1	0
Molybdenum	ppm	ASTM D5185m	1	2	0
Manganese	ppm	ASTM D5185m	4	4	2
Magnesium	ppm	ASTM D5185m	12	12	1
Calcium	ppm	ASTM D5185m	35	33	13
Phosphorus	ppm	ASTM D5185m	1419	1335	1386
Zinc	ppm	ASTM D5185m	21	28	4
Sulfur	ppm	ASTM D5185m	19403	21893	21874

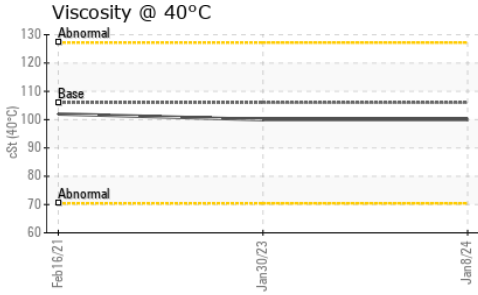
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >230	147	138	123
Sodium	ppm	ASTM D5185m	4	4	2
Potassium	ppm	ASTM D5185m >20	4	2	<1

VISUAL

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

OIL ANALYSIS REPORT

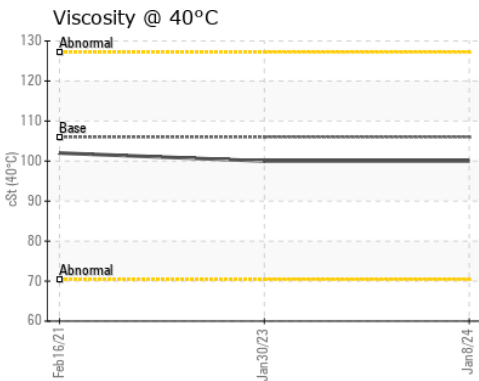
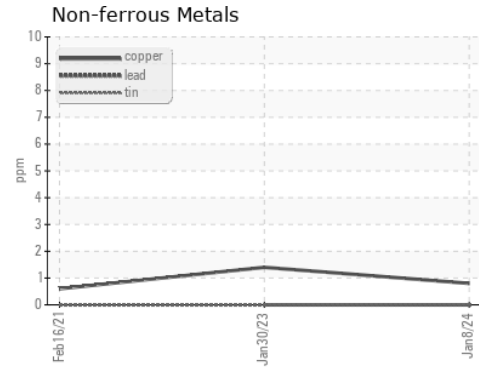
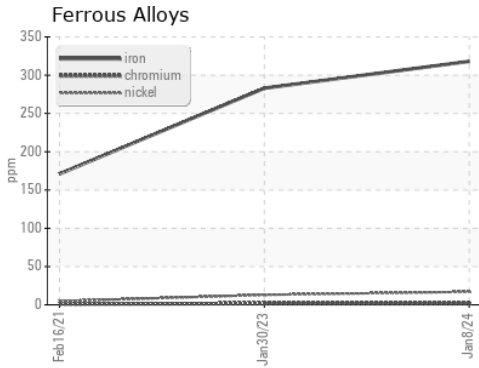


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 106	100	100	102

SAMPLE IMAGES	method	limit/base	current	history1	history2
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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. : PCA0089137 **Received** : 29 Feb 2024
Lab Number : 06105514 **Tested** : 02 Mar 2024
Unique Number : 10903744 **Diagnosed** : 04 Mar 2024 - Don Baldrige
Test Package : FLEET

NW WHITE & CO - GREER DIVISION
 1060 ROGERS BRIDGE RD
 DUNCAN, SC
 US 29334
 Contact: Matt Quinlan
 mquinlan@nwwhite.com
 T: (864)905-8506
 F:

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)