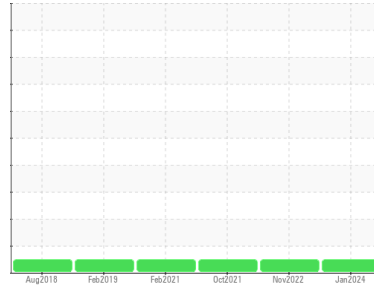


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT612
Component
Rear Differential
Fluid
CHEVRON RPM SYNTHETIC GEAR 75W90 (3 mls)

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		PCA0089183	PCA0080447	PCA0059061
Sample Date	Client Info		08 Jan 2024	15 Nov 2022	28 Oct 2021
Machine Age	mls	Client Info	204962	204962	168344
Oil Age	mls	Client Info	229452	24564	0
Oil Changed	Client Info		Changed	Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

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	267	207	228
Chromium	ppm	ASTM D5185m >8	2	2	1
Nickel	ppm	ASTM D5185m >20	<1	<1	<1
Titanium	ppm	ASTM D5185m >4	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >30	22	23	30
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	<1	<1	<1
Tin	ppm	ASTM D5185m >5	0	<1	<1
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	180	214	234
Barium	ppm	ASTM D5185m	<1	0	0
Molybdenum	ppm	ASTM D5185m	16	16	2
Manganese	ppm	ASTM D5185m	6	4	5
Magnesium	ppm	ASTM D5185m	145	140	11
Calcium	ppm	ASTM D5185m	253	244	32
Phosphorus	ppm	ASTM D5185m	1386	1224	1412
Zinc	ppm	ASTM D5185m	232	219	26
Sulfur	ppm	ASTM D5185m	21542	23345	22519

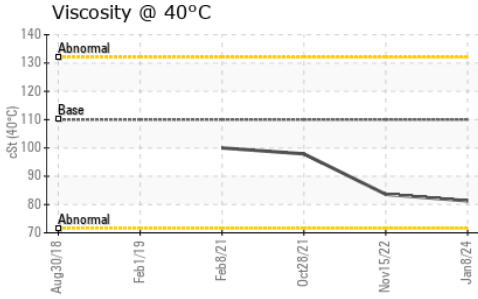
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >230	47	44	55
Sodium	ppm	ASTM D5185m	2	2	3
Potassium	ppm	ASTM D5185m >20	2	<1	2

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	MODER	MODER	MODER
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	NONE	NONE
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



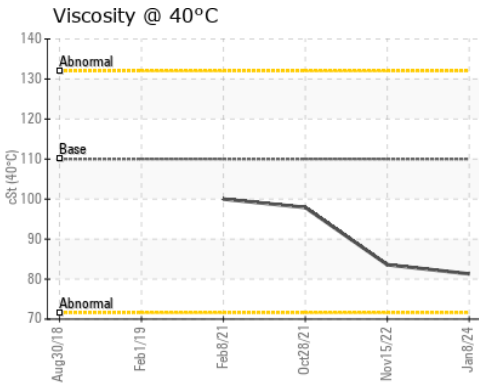
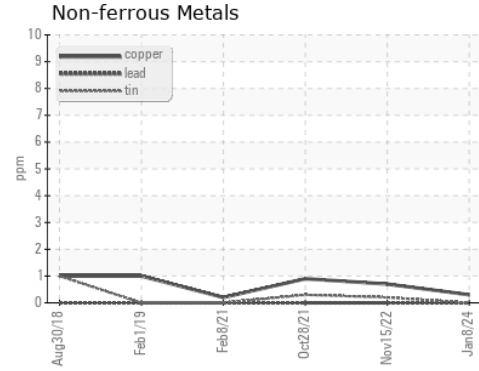
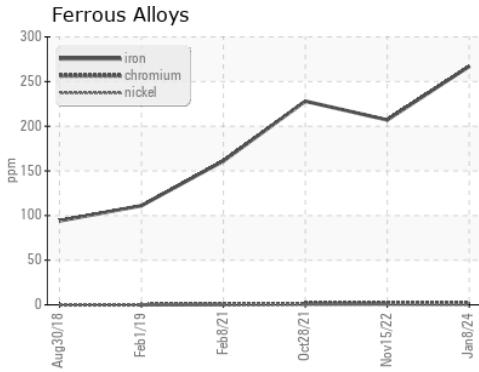
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 110	81.3	83.6	97.9

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. : PCA0089183 **Received** : 29 Feb 2024
Lab Number : 06105533 **Tested** : 01 Mar 2024
Unique Number : 10903763 **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)