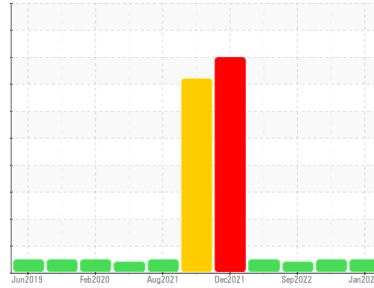


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT633
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		PCA0113166	PCA0096978	PCA0074826
Sample Date	Client Info		17 Jan 2024	17 May 2023	19 Sep 2022
Machine Age	mls	Client Info	259590	234161	207873
Oil Age	mls	Client Info	25429	175605	0
Oil Changed	Client Info		Not Changed	Changed	Not Changed
Sample Status			NORMAL	NORMAL	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	140	163	165
Chromium	ppm	ASTM D5185m >8	<1	<1	2
Nickel	ppm	ASTM D5185m >20	5	6	3
Titanium	ppm	ASTM D5185m >4	0	<1	<1
Silver	ppm	ASTM D5185m	0	0	<1
Aluminum	ppm	ASTM D5185m >30	7	12	4
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	<1	<1	<1
Tin	ppm	ASTM D5185m >5	0	0	0
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	191	201	231
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	20	21	3
Manganese	ppm	ASTM D5185m	<1	2	1
Magnesium	ppm	ASTM D5185m	173	155	41
Calcium	ppm	ASTM D5185m	294	298	50
Phosphorus	ppm	ASTM D5185m	1240	1247	1351
Zinc	ppm	ASTM D5185m	264	279	59
Sulfur	ppm	ASTM D5185m	18592	20976	27336

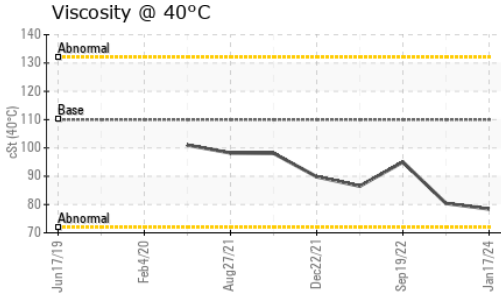
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >230	18	39	23
Sodium	ppm	ASTM D5185m	1	2	0
Potassium	ppm	ASTM D5185m >20	1	2	1

VISUAL

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



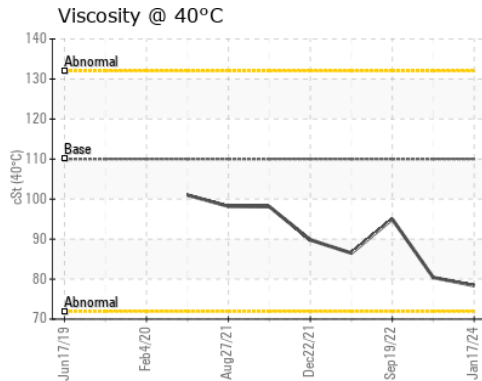
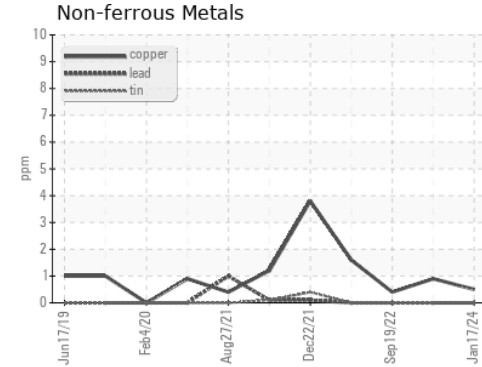
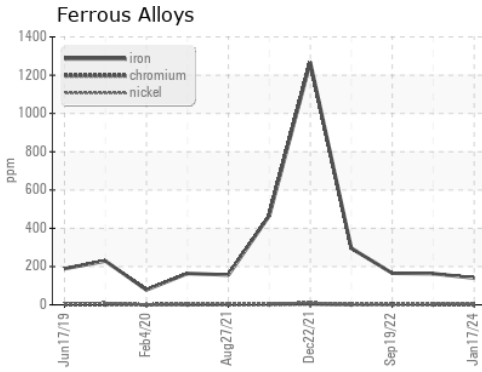
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	110	78.4	80.4	95.0

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. : PCA0113166 **Recieved** : 22 Jan 2024
Lab Number : **06067119** **Diagnosed** : 23 Jan 2024
Unique Number : 10843796 **Diagnostician** : Wes Davis
Test Package : FLEET

NW WHITE & CO - ANDERSON DIVISION
 2605 RIVER RD
 PIEDMONT, SC
 US 29673
 Contact: James Threatt
 jthreatt@nwwhite.com
 T: (864)918-4646
 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)