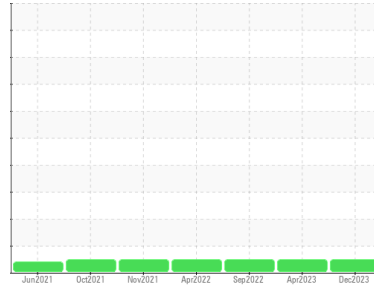


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT739
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 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		PCA0103305	PCA0091175	PCA0074864
Sample Date	Client Info		07 Dec 2023	13 Apr 2023	07 Sep 2022
Machine Age	mls	Client Info	186494	157747	131976
Oil Age	mls	Client Info	28747	102241	0
Oil Changed	Client Info		Not Chngd	Changed	Not Chngd
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 >870	200	226	168
Chromium	ppm	ASTM D5185m >8	2	2	1
Nickel	ppm	ASTM D5185m >25	7	8	5
Titanium	ppm	ASTM D5185m >4	<1	<1	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >40	6	7	7
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >60	2	<1	<1
Tin	ppm	ASTM D5185m >5	0	0	0
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	281	229	289
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	19	3	3
Manganese	ppm	ASTM D5185m	2	2	2
Magnesium	ppm	ASTM D5185m	176	43	40
Calcium	ppm	ASTM D5185m	289	57	56
Phosphorus	ppm	ASTM D5185m	1507	1460	1349
Zinc	ppm	ASTM D5185m	249	67	58
Sulfur	ppm	ASTM D5185m	27783	20046	22265

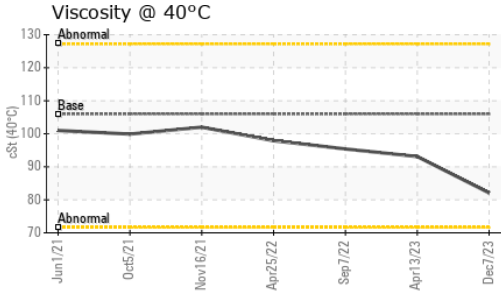
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >285	45	82	61
Sodium	ppm	ASTM D5185m	<1	1	<1
Potassium	ppm	ASTM D5185m >20	2	<1	0

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	LIGHT	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

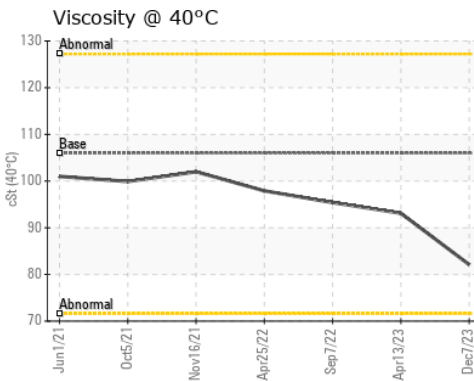
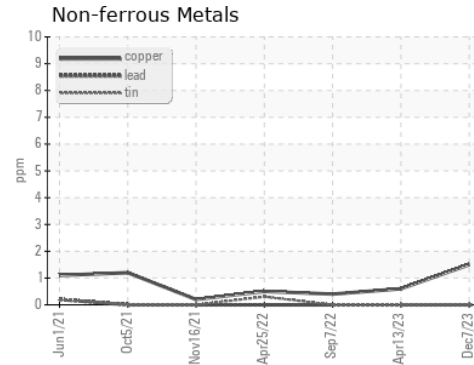
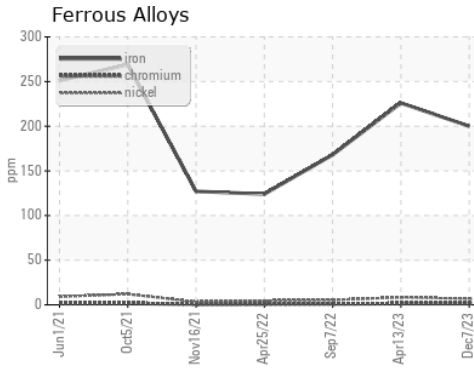


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	106	82.1	93.1	95.4

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. : PCA0103305 **Received** : 15 Dec 2023
Lab Number : **06037140** **Diagnosed** : 20 Dec 2023
Unique Number : 10792369 **Diagnostician** : Jonathan Hester
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)