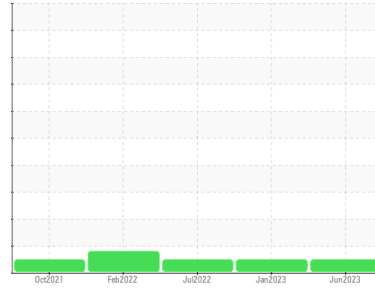


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT777

Component
Rear Axle
Fluid

CHEVRON RPM SYNTHETIC GEAR 75W90 (--- GAL)

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	history 1	history 2	
Sample Number	Client Info	PCA0100019	PCA0084962	PCA0075867	
Sample Date	Client Info	22 Jun 2023	31 Jan 2023	01 Jul 2022	
Machine Age	mls	Client Info	124346	99328	0
Oil Age	mls	Client Info	124346	0	0
Oil Changed	Client Info	N/A	Not Changd	N/A	
Sample Status		NORMAL	NORMAL	NORMAL	

WEAR METALS

method	limit/base	current	history 1	history 2	
Iron	ppm	ASTM D5185m >500	67	44	108
Chromium	ppm	ASTM D5185m >10	1	<1	<1
Nickel	ppm	ASTM D5185m >10	<1	0	<1
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	3	<1	1
Lead	ppm	ASTM D5185m >25	1	0	0
Copper	ppm	ASTM D5185m >50	<1	<1	<1
Tin	ppm	ASTM D5185m >10	<1	0	<1
Antimony	ppm	ASTM D5185m >5	---	---	---
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

method	limit/base	current	history 1	history 2	
Boron	ppm	ASTM D5185m	221	234	254
Barium	ppm	ASTM D5185m	0	0	2
Molybdenum	ppm	ASTM D5185m	19	19	0
Manganese	ppm	ASTM D5185m	2	1	4
Magnesium	ppm	ASTM D5185m	101	90	<1
Calcium	ppm	ASTM D5185m	190	192	7
Phosphorus	ppm	ASTM D5185m	1284	1232	1415
Zinc	ppm	ASTM D5185m	162	148	14
Sulfur	ppm	ASTM D5185m	24505	23697	29289

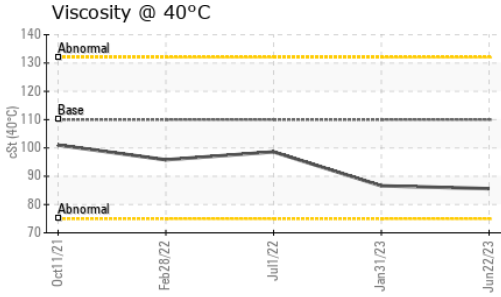
CONTAMINANTS

method	limit/base	current	history 1	history 2	
Silicon	ppm	ASTM D5185m >75	17	13	47
Sodium	ppm	ASTM D5185m	3	0	6
Potassium	ppm	ASTM D5185m >20	3	0	0

VISUAL

method	limit/base	current	history 1	history 2	
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	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 >0.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

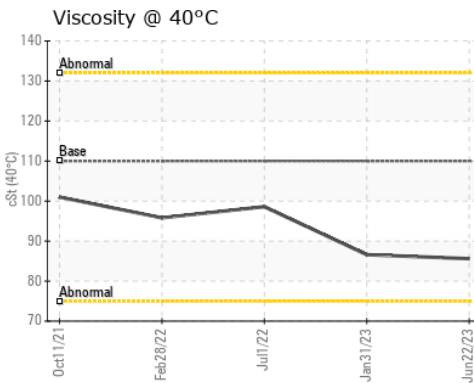
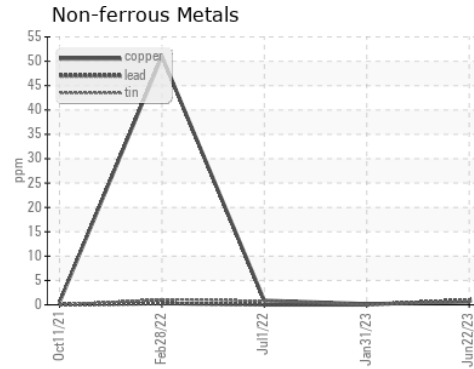
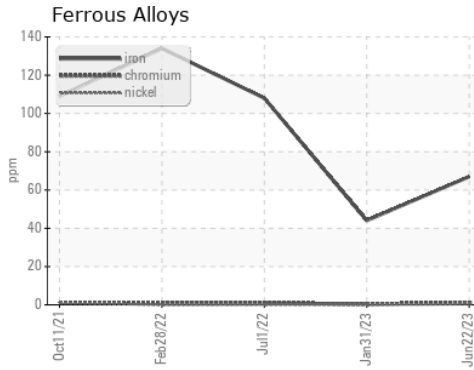


FLUID PROPERTIES		method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	110	85.6	86.6	98.6

SAMPLE IMAGES		method	limit/base	current	history 1	history 2
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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. : PCA0100019 **Received** : 27 Jun 2023
Lab Number : 05884736 **Diagnosed** : 30 Jun 2023
Unique Number : 10535219 **Diagnostician** : Jonathan Hester
Test Package : FLEET

NW WHITE & CO - COLUMBIA DIVISION
 100 INDEPENDENCE BLVD
 COLUMBIA, SC
 US 29210
 Contact: GEORGE EDWARDS
 gedwards@nwwhite.com

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)

T:
F: