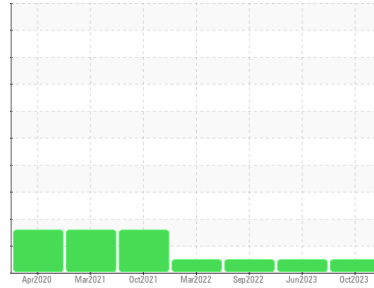


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT682
 Component
Front Differential
 Fluid
CHEVRON RPM SYNTHETIC GEAR 75W90 (4 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		PCA0101829	PCA0095242	PCA0076452
Sample Date	Client Info		24 Oct 2023	09 Jun 2023	22 Sep 2022
Machine Age	mls	Client Info	22739	22739	22739
Oil Age	mls	Client Info	22739	22739	22739
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	183	162	145
Chromium	ppm	ASTM D5185m >10	<1	2	1
Nickel	ppm	ASTM D5185m >10	5	6	8
Titanium	ppm	ASTM D5185m	0	0	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	6	7	4
Lead	ppm	ASTM D5185m >25	0	0	<1
Copper	ppm	ASTM D5185m >100	<1	<1	1
Tin	ppm	ASTM D5185m >10	0	<1	<1
Vanadium	ppm	ASTM D5185m	0	0	<1
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	194	215	176
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	12	13	<1
Manganese	ppm	ASTM D5185m	2	2	3
Magnesium	ppm	ASTM D5185m	61	69	<1
Calcium	ppm	ASTM D5185m	177	153	13
Phosphorus	ppm	ASTM D5185m	1250	1387	1198
Zinc	ppm	ASTM D5185m	124	112	7
Sulfur	ppm	ASTM D5185m	21147	27845	25056

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	57	62	65
Sodium	ppm	ASTM D5185m	2	3	4
Potassium	ppm	ASTM D5185m >20	1	4	6

VISUAL

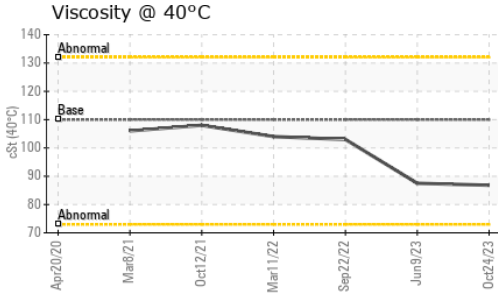
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	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

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 110	86.8	87.5	103

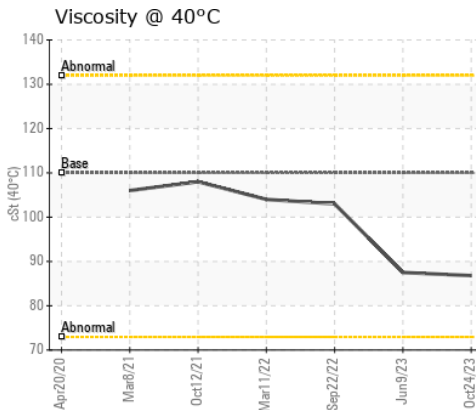
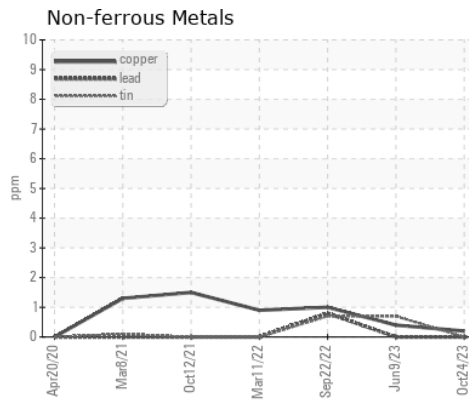
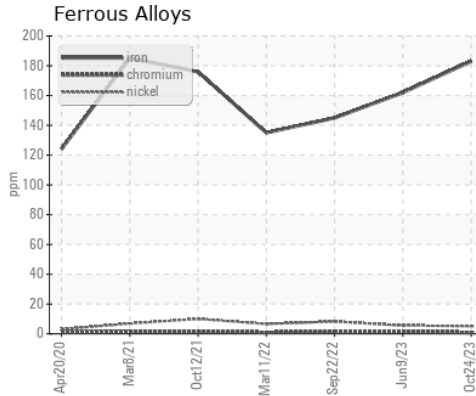


OIL ANALYSIS REPORT



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. : PCA0101829 **Received** : 14 Nov 2023
Lab Number : 06007230 **Diagnosed** : 16 Nov 2023
Unique Number : 10740992 **Diagnostician** : Don Baldrige
Test Package : FLEET

NW WHITE & CO - BEAUFORT DIVISION
 1491 YENMASSEE HIGHWAY
 VARNVILLE, SC
 US 29944
 Contact: VINCENT BULLOCK
 bullockvince514@gmail.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: