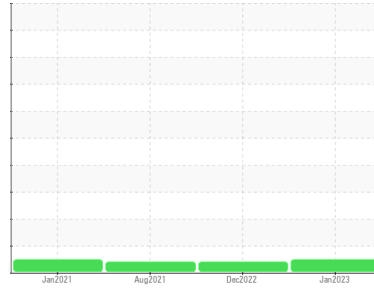


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT740
Component
Front 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		PCA0089122	PCA0089101	PCA0045168
Sample Date	Client Info		12 Jan 2023	12 Dec 2022	10 Aug 2021
Machine Age	mls	Client Info	149812	106493	0
Oil Age	mls	Client Info	149812	29523	0
Oil Changed	Client Info		Changed	Not Changd	Not Changd
Sample Status			NORMAL	ABNORMAL	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	308	272	273
Chromium	ppm	ASTM D5185m >8	2	2	2
Nickel	ppm	ASTM D5185m >20	12	7	6
Titanium	ppm	ASTM D5185m >4	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >30	7	4	4
Lead	ppm	ASTM D5185m >25	0	<1	1
Copper	ppm	ASTM D5185m >50	<1	<1	2
Tin	ppm	ASTM D5185m >5	0	<1	0
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	83	184	231
Barium	ppm	ASTM D5185m	<1	0	2
Molybdenum	ppm	ASTM D5185m	0	8	0
Manganese	ppm	ASTM D5185m	3	3	4
Magnesium	ppm	ASTM D5185m	3	80	<1
Calcium	ppm	ASTM D5185m	23	139	20
Phosphorus	ppm	ASTM D5185m	776	1070	1510
Zinc	ppm	ASTM D5185m	27	125	10
Sulfur	ppm	ASTM D5185m	19245	25056	24777

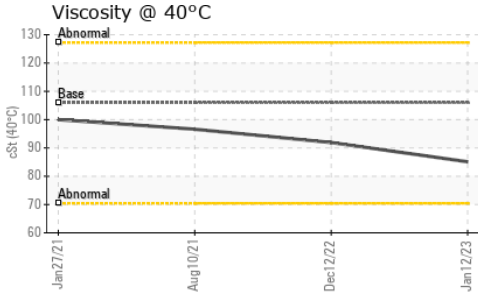
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >230	137	61	198
Sodium	ppm	ASTM D5185m	2	<1	2
Potassium	ppm	ASTM D5185m >20	2	<1	0

VISUAL

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



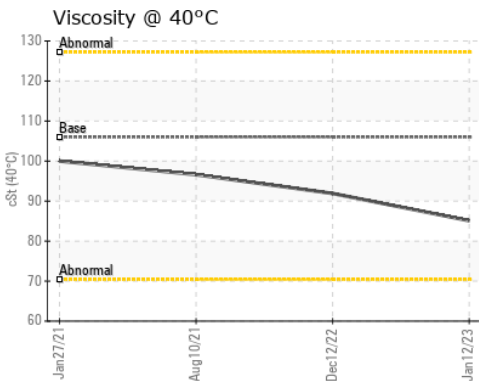
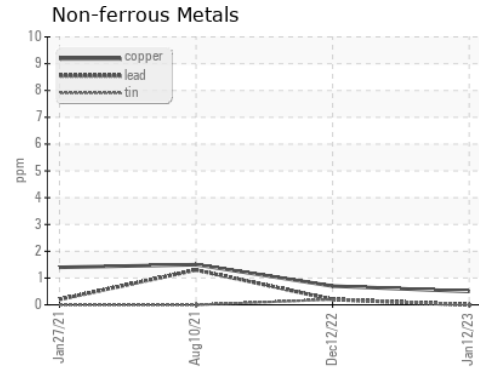
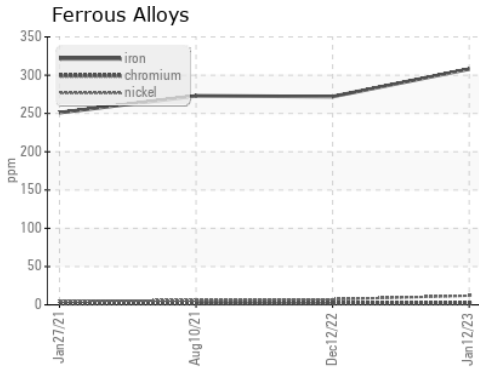
FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 106	85.1	91.9	96.6

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. : PCA0089122
Lab Number : 06105529
Unique Number : 10903759
Test Package : FLEET

Received : 29 Feb 2024
Tested : 01 Mar 2024
Diagnosed : 04 Mar 2024 - Don Baldrige

NW WHITE & CO - GREER DIVISION
 1060 ROGERS BRIDGE RD
 DUNCAN, SC
 US 29334

Contact: Matt Quinlan
 mquinlan@nwwhite.com

T: (864)905-8506

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)

F: