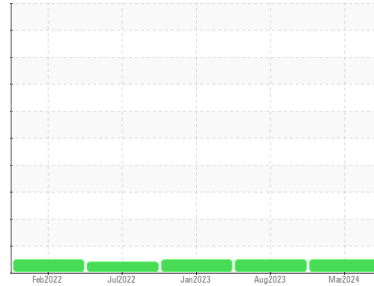


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT735
Component
Front Differential
Fluid
CHEVRON DELO SYNTHETIC GEAR 75W90 (16 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		PCA0113186	PCA0103259	PCA0080891
Sample Date	Client Info		21 Mar 2024	31 Aug 2023	11 Jan 2023
Machine Age	mls	Client Info	179859	154458	128802
Oil Age	mls	Client Info	154458	103804	0
Oil Changed	Client Info		Not Changed	Changed	Not Changed
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 >1200	123	240	241
Chromium	ppm	ASTM D5185m >8	<1	2	2
Nickel	ppm	ASTM D5185m >20	3	9	9
Titanium	ppm	ASTM D5185m >4	0	<1	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >30	3	5	11
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	0	<1	<1
Tin	ppm	ASTM D5185m >5	<1	0	0
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	220	246	203
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	22	13	13
Manganese	ppm	ASTM D5185m	1	4	3
Magnesium	ppm	ASTM D5185m	171	47	47
Calcium	ppm	ASTM D5185m	323	115	117
Phosphorus	ppm	ASTM D5185m	1267	1242	1262
Zinc	ppm	ASTM D5185m	285	72	83
Sulfur	ppm	ASTM D5185m	21479	25056	25358

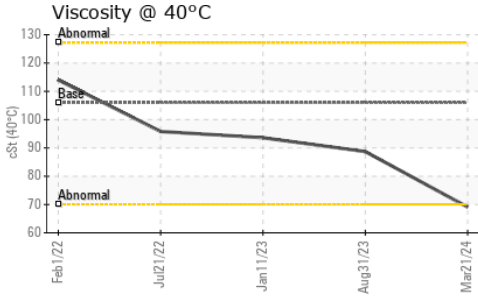
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >230	27	84	106
Sodium	ppm	ASTM D5185m	1	2	4
Potassium	ppm	ASTM D5185m >20	1	<1	<1

VISUAL

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

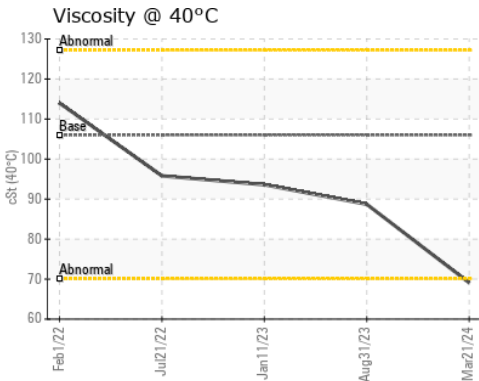
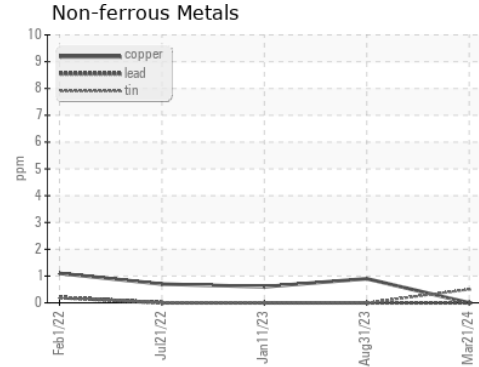
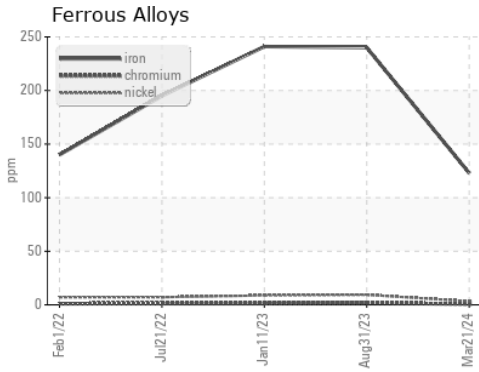


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	106	69.1	88.7	93.6

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. : PCA0113186
Lab Number : 06129676
Unique Number : 10943827
Test Package : FLEET
Received : 26 Mar 2024
Tested : 27 Mar 2024
Diagnosed : 29 Mar 2024 - Don Baldrige

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)