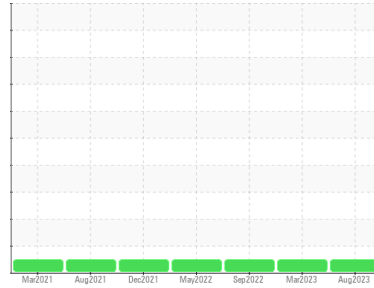


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT752
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	PCA0104156	PCA0092566	PCA0081286	
Sample Date	Client Info	31 Aug 2023	30 Mar 2023	26 Sep 2022	
Machine Age	mls	Client Info	202039	151910	127010
Oil Age	mls	Client Info	0	24900	127010
Oil Changed	Client Info	Not Chngd	Not Chngd	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	

WEAR METALS

method	limit/base	current	history1	history2		
Iron	ppm	ASTM D5185m	>870	223	172	307
Chromium	ppm	ASTM D5185m	>8	1	2	3
Nickel	ppm	ASTM D5185m	>25	7	6	11
Titanium	ppm	ASTM D5185m	>4	<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	5	5	7
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>60	<1	<1	1
Tin	ppm	ASTM D5185m	>5	0	0	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		235	210	218
Barium	ppm	ASTM D5185m		7	0	0
Molybdenum	ppm	ASTM D5185m		8	9	5
Manganese	ppm	ASTM D5185m		2	2	3
Magnesium	ppm	ASTM D5185m		101	106	57
Calcium	ppm	ASTM D5185m		195	205	99
Phosphorus	ppm	ASTM D5185m		1249	1436	1227
Zinc	ppm	ASTM D5185m		164	186	65
Sulfur	ppm	ASTM D5185m		24237	27784	25056

CONTAMINANTS

method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185m	>285	87	71	133
Sodium	ppm	ASTM D5185m		2	3	3
Potassium	ppm	ASTM D5185m	>20	<1	2	<1

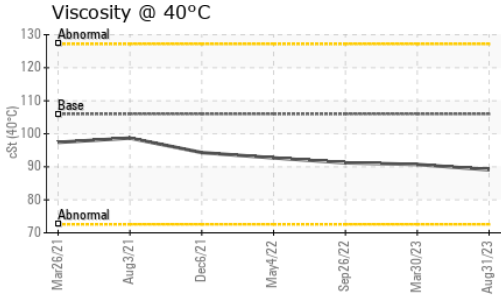
VISUAL

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

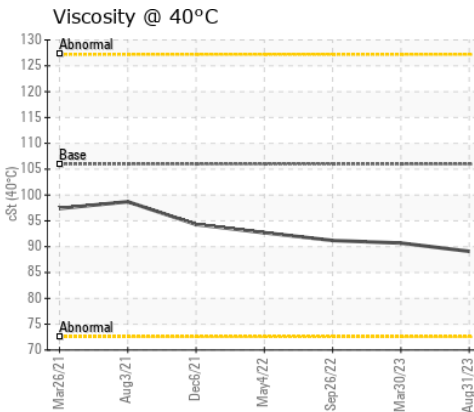
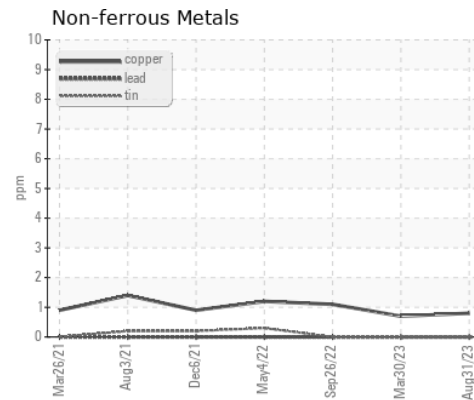
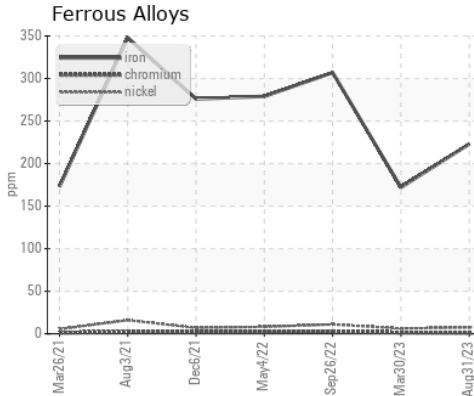
method	limit/base	current	history1	history2		
Visc @ 40°C	cSt	ASTM D445	106	89.1	90.7	91.2

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. : PCA0104156
Lab Number : 05945336
Unique Number : 10635948
Test Package : FLEET

Received : 07 Sep 2023
Diagnosed : 10 Sep 2023
Diagnostician : Don Baldrige

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: