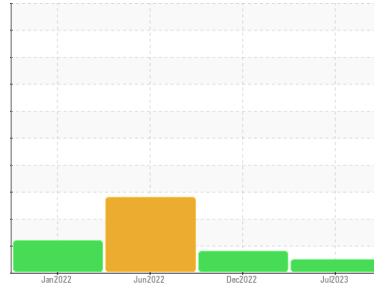


# OIL ANALYSIS REPORT

**Sample Rating Trend**

**NORMAL**


Machine Id  
**DT806**  
 Component  
**Transmission (Auto)**  
 Fluid  
**SHELL SPIRAX S6 ATF (36 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 fluid.

**Fluid Condition**

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PCA0096920</b>	PCA0080900	PCA0074859
Sample Date	Client Info			<b>13 Jul 2023</b>	29 Dec 2022	14 Jun 2022
Machine Age	mls	Client Info		<b>101823</b>	76330	50830
Oil Age	mls	Client Info		<b>25493</b>	76330	50830
Oil Changed	Client Info			<b>Not Changed</b>	Changed	Not Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

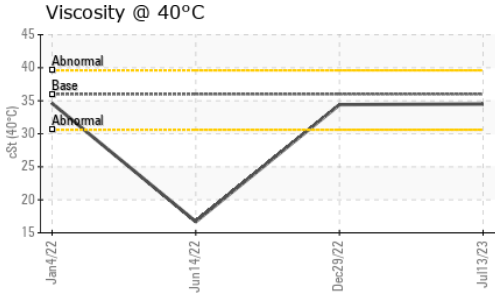
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	<b>38</b>	82	60
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>19</b>	38	27
Lead	ppm	ASTM D5185m	>50	<b>24</b>	▲ 73	▲ 57
Copper	ppm	ASTM D5185m	>225	<b>16</b>	20	12
Tin	ppm	ASTM D5185m	>10	<b>4</b>	7	6
Antimony	ppm	ASTM D5185m		<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>93</b>	101	124
Barium	ppm	ASTM D5185m		<b>0</b>	0	2
Molybdenum	ppm	ASTM D5185m		<b>2</b>	2	2
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Magnesium	ppm	ASTM D5185m		<b>12</b>	4	4
Calcium	ppm	ASTM D5185m		<b>120</b>	85	76
Phosphorus	ppm	ASTM D5185m		<b>289</b>	283	262
Zinc	ppm	ASTM D5185m		<b>25</b>	9	10
Sulfur	ppm	ASTM D5185m		<b>2365</b>	1317	1243

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<b>5</b>	6	5
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	6	4
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	4	4

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	OTHER
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	0.2%
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

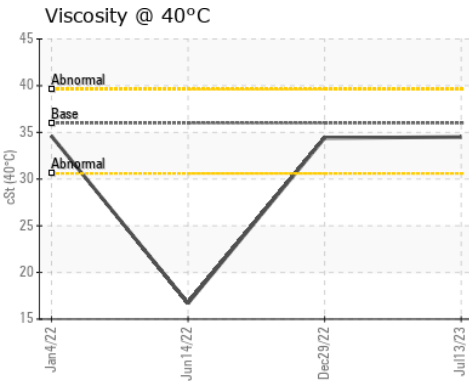
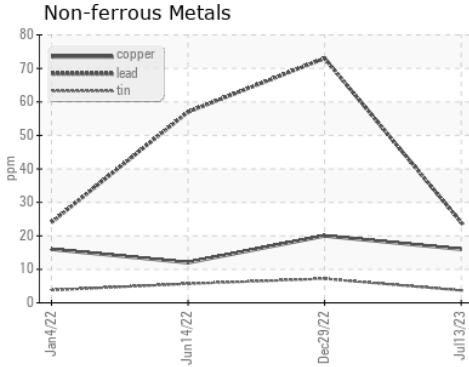
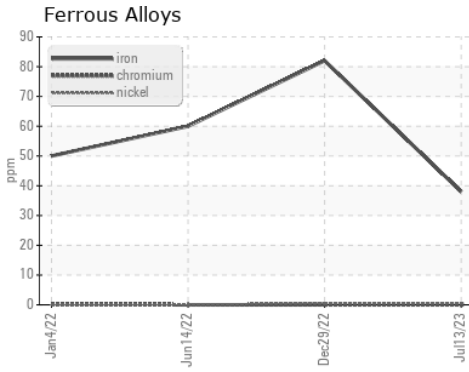


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	36	34.5	34.4	▲ 16.7

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.** : PCA0096920     **Received** : 17 Jul 2023  
**Lab Number** : 05900354     **Diagnosed** : 19 Jul 2023  
**Unique Number** : 10561710     **Diagnostician** : Don Baldrige  
**Test Package** : FLEET

**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)