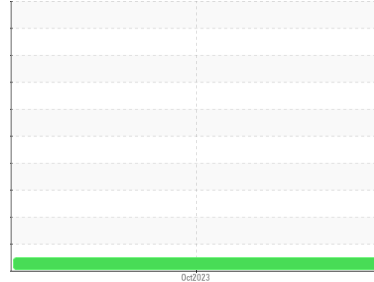


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT821
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	PCA0103319	---	---
Sample Date	Client Info	26 Oct 2023	---	---
Machine Age	mls Client Info	40838	---	---
Oil Age	mls Client Info	40838	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >300	71	---	---
Chromium ppm	ASTM D5185m >2	<1	---	---
Nickel ppm	ASTM D5185m >4	<1	---	---
Titanium ppm	ASTM D5185m >3	0	---	---
Silver ppm	ASTM D5185m >5	0	---	---
Aluminum ppm	ASTM D5185m >70	22	---	---
Lead ppm	ASTM D5185m >85	10	---	---
Copper ppm	ASTM D5185m >90	22	---	---
Tin ppm	ASTM D5185m >10	5	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	51	---	---
Barium ppm	ASTM D5185m	0	---	---
Molybdenum ppm	ASTM D5185m	<1	---	---
Manganese ppm	ASTM D5185m	2	---	---
Magnesium ppm	ASTM D5185m	25	---	---
Calcium ppm	ASTM D5185m	129	---	---
Phosphorus ppm	ASTM D5185m	227	---	---
Zinc ppm	ASTM D5185m	14	---	---
Sulfur ppm	ASTM D5185m	1711	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >20	5	---	---
Sodium ppm	ASTM D5185m	7	---	---
Potassium ppm	ASTM D5185m >20	5	---	---

VISUAL

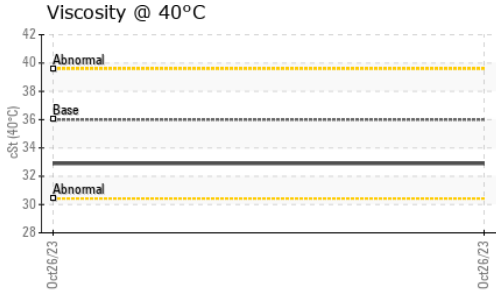
method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	NONE	---	---
Yellow Metal scalar	*Visual NONE	NONE	---	---
Precipitate scalar	*Visual NONE	NONE	---	---
Silt scalar	*Visual NONE	NONE	---	---
Debris scalar	*Visual NONE	NONE	---	---
Sand/Dirt scalar	*Visual NONE	NONE	---	---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

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445 36	32.9	---	---

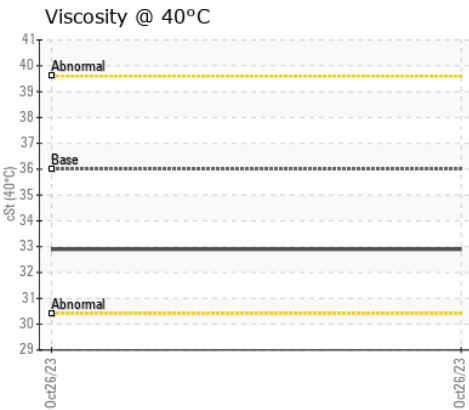
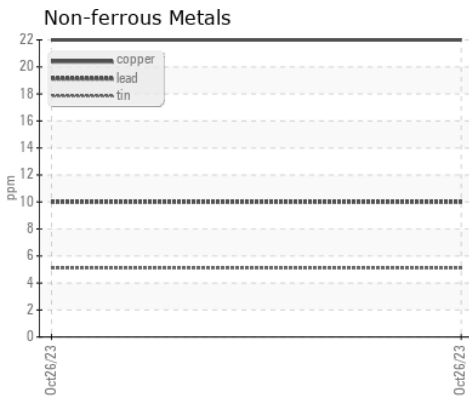
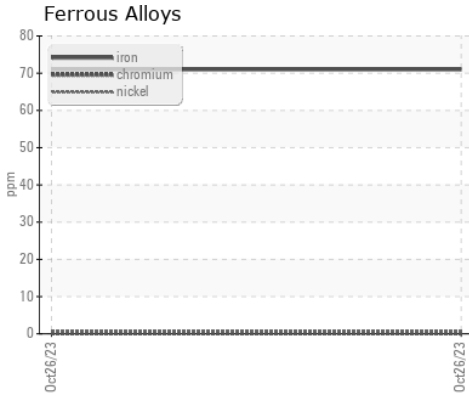


OIL ANALYSIS REPORT



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. : PCA0103319 **Received** : 31 Oct 2023
Lab Number : 05994779 **Diagnosed** : 01 Nov 2023
Unique Number : 10723139 **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)