

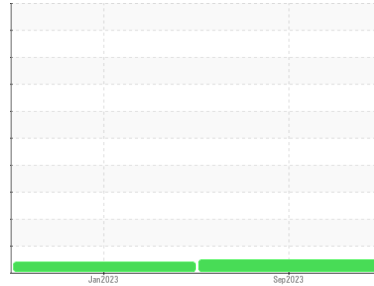
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DT816
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		PCA0103255	PCA0080903	---
Sample Date	Client Info		11 Sep 2023	11 Jan 2023	---
Machine Age	mls	Client Info	50170	25084	---
Oil Age	mls	Client Info	50170	0	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			NORMAL	ABNORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >300	66	53	---
Chromium	ppm	ASTM D5185m >2	<1	<1	---
Nickel	ppm	ASTM D5185m >4	0	0	---
Titanium	ppm	ASTM D5185m >3	0	0	---
Silver	ppm	ASTM D5185m >5	0	0	---
Aluminum	ppm	ASTM D5185m >70	23	12	---
Lead	ppm	ASTM D5185m >85	11	10	---
Copper	ppm	ASTM D5185m >90	24	16	---
Tin	ppm	ASTM D5185m >10	3	2	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	52	57	---
Barium	ppm	ASTM D5185m	0	2	---
Molybdenum	ppm	ASTM D5185m	1	<1	---
Manganese	ppm	ASTM D5185m	2	1	---
Magnesium	ppm	ASTM D5185m	10	2	---
Calcium	ppm	ASTM D5185m	136	120	---
Phosphorus	ppm	ASTM D5185m	224	201	---
Zinc	ppm	ASTM D5185m	6	5	---
Sulfur	ppm	ASTM D5185m	2212	1470	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	5	5	---
Sodium	ppm	ASTM D5185m	7	3	---
Potassium	ppm	ASTM D5185m >20	4	4	---

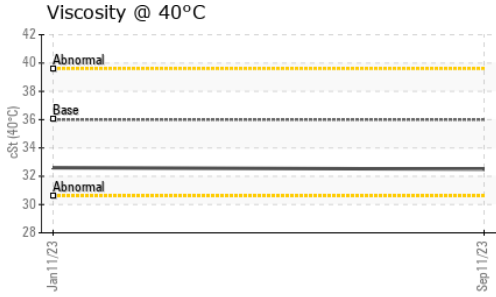
VISUAL

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

FLUID PROPERTIES

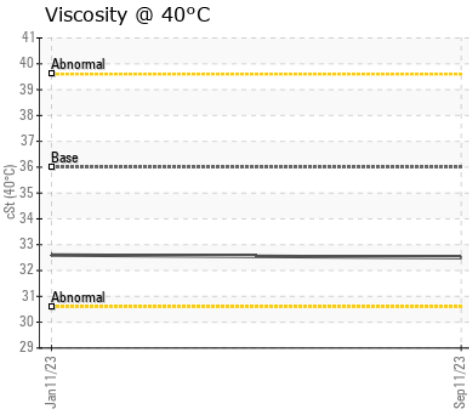
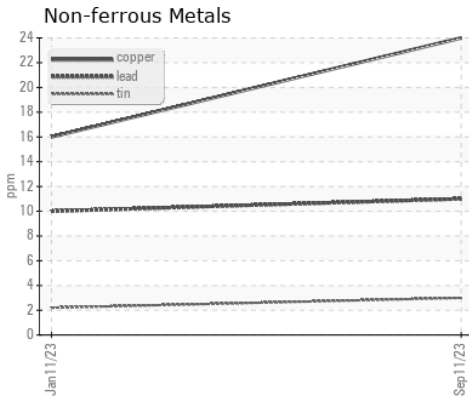
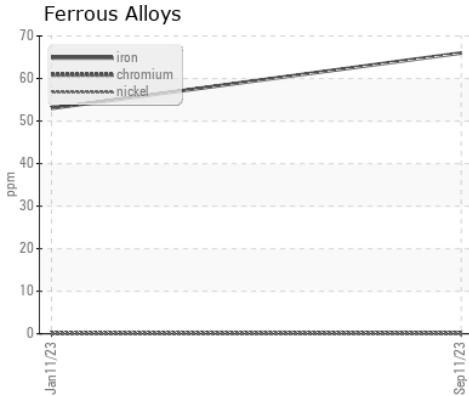
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 36	32.5	32.6	---

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. : PCA0103255
Lab Number : 05955682
Unique Number : 10656895
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)