



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
DT819
Component
Transmission (Auto)
Fluid
SHELL SPIRAX S6 ATF (36 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0113190	PCA0103293	PCA0096966
Sample Date		Client Info		25 Apr 2024	10 Oct 2023	09 May 2023
Machine Age	mls	Client Info		104267	76449	50474
Oil Age	mls	Client Info		27818	76449	50474
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Changed	Not Changed
Filter Changed		Client Info		Not Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>300	39	81	57
Chromium	ppm	ASTM D5185m	>2	0	<1	<1
Nickel	ppm	ASTM D5185m	>4	0	<1	<1
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>70	20	29	26
Lead	ppm	ASTM D5185m	>85	7	15	11
Copper	ppm	ASTM D5185m	>90	12	33	23
Tin	ppm	ASTM D5185m	>10	2	6	4
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

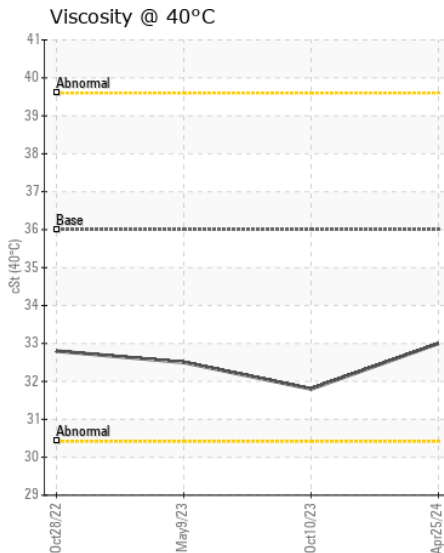
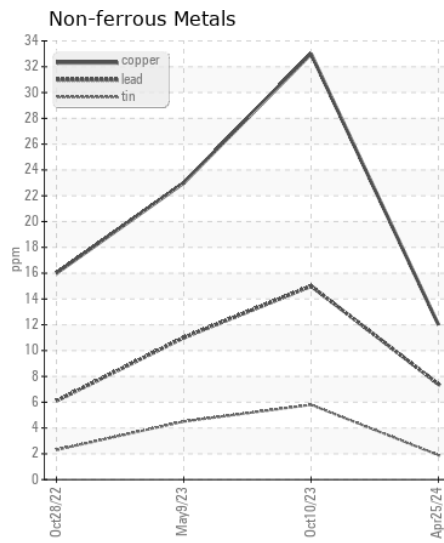
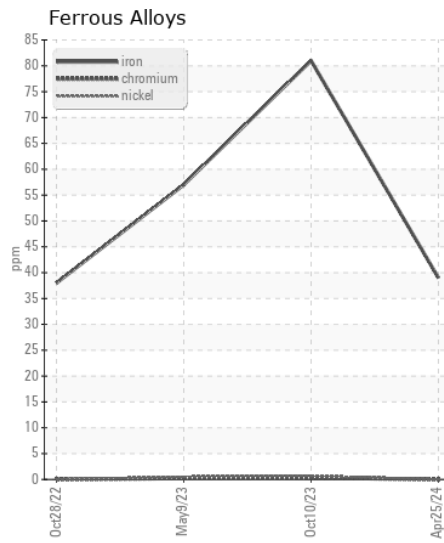
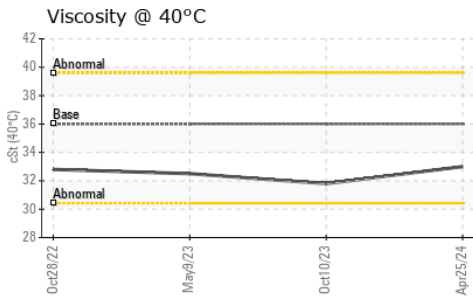
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	4	7	5
Potassium	ppm	ASTM D5185m	>20	4	4	3
Water		WC Method	>0.1	NEG	NEG	NEG
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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	6	5
Boron	ppm	ASTM D5185m		70	42	51
Barium	ppm	ASTM D5185m		0	2	0
Molybdenum	ppm	ASTM D5185m		4	<1	<1
Manganese	ppm	ASTM D5185m		<1	2	1
Magnesium	ppm	ASTM D5185m		43	2	1
Calcium	ppm	ASTM D5185m		184	114	127
Phosphorus	ppm	ASTM D5185m		269	190	215
Zinc	ppm	ASTM D5185m		63	5	6
Sulfur	ppm	ASTM D5185m		2221	1947	1959
Visc @ 40°C	cSt	ASTM D445	36	33.0	31.8	32.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0113190
Lab Number : 06175964
Unique Number : 11022017
Test Package : FLEET

Received : 10 May 2024
Tested : 12 May 2024
Diagnosed : 12 May 2024 - Wes Davis

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)