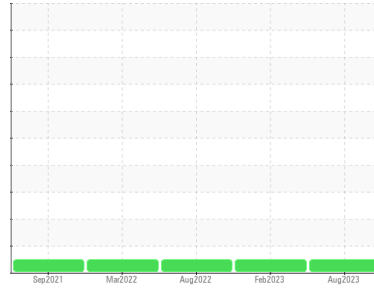


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT799
 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		PCA0096955	PCA0091197	PCA0074796
Sample Date	Client Info		08 Aug 2023	08 Feb 2023	03 Aug 2022
Machine Age	mls	Client Info	129394	102857	76712
Oil Age	mls	Client Info	103249	26145	76712
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 >160	37	33	39
Chromium	ppm	ASTM D5185m >5	<1	<1	<1
Nickel	ppm	ASTM D5185m >5	<1	0	<1
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m >5	0	0	<1
Aluminum	ppm	ASTM D5185m >50	25	18	30
Lead	ppm	ASTM D5185m >50	14	14	22
Copper	ppm	ASTM D5185m >225	24	18	12
Tin	ppm	ASTM D5185m >10	4	2	5
Antimony	ppm	ASTM D5185m	---	---	---
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	94	129	115
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	2	1	2
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	14	8	8
Calcium	ppm	ASTM D5185m	130	134	111
Phosphorus	ppm	ASTM D5185m	319	356	309
Zinc	ppm	ASTM D5185m	52	43	34
Sulfur	ppm	ASTM D5185m	2591	3015	1609

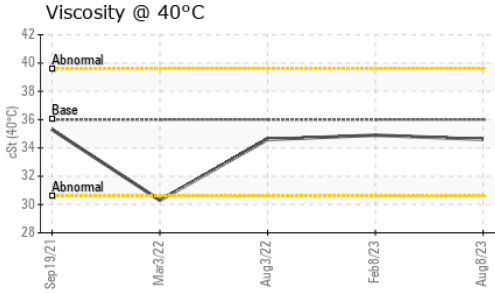
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	5	4	4
Sodium	ppm	ASTM D5185m	2	3	5
Potassium	ppm	ASTM D5185m >20	<1	2	2

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 >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

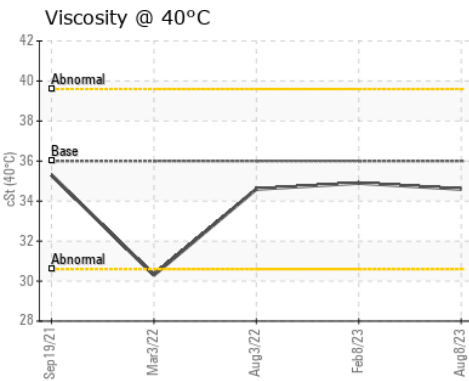
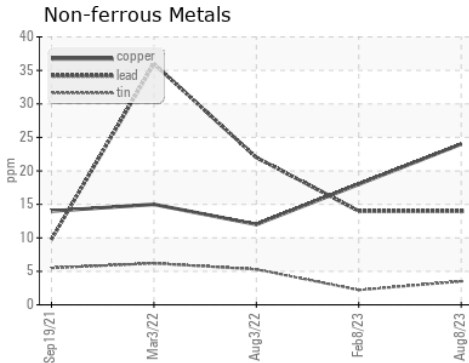
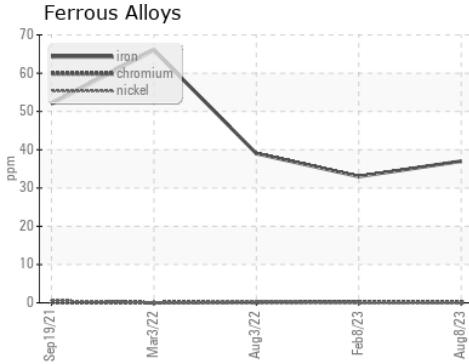


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	36	34.6	34.9	34.6

SAMPLE IMAGES		method	limit/base	current	history1	history2
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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. : PCA0096955
Lab Number : 05923840
Unique Number : 10603787
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)