



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SUTPHEN 4035
Component
Transmission (Auto)
Fluid
SHELL SPIRAX S6 ATF (40 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
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

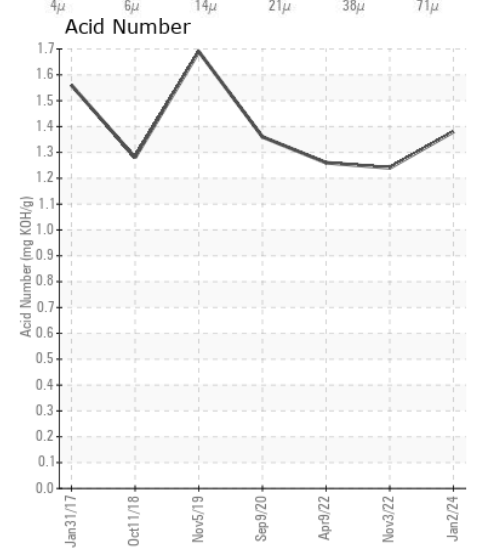
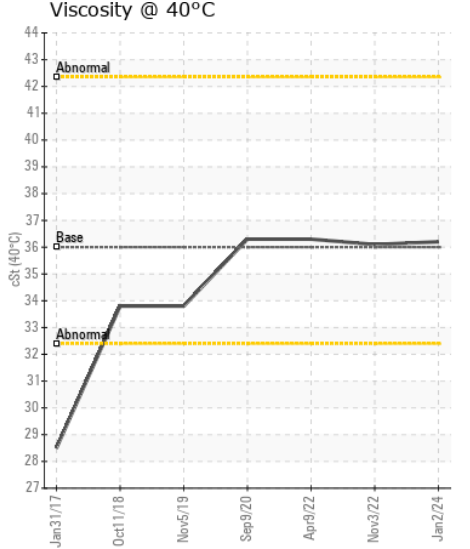
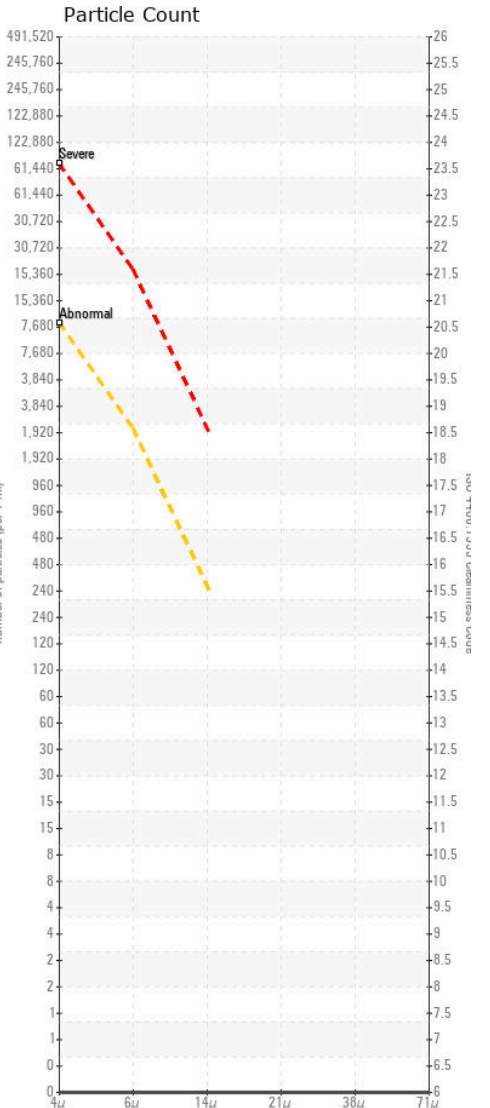
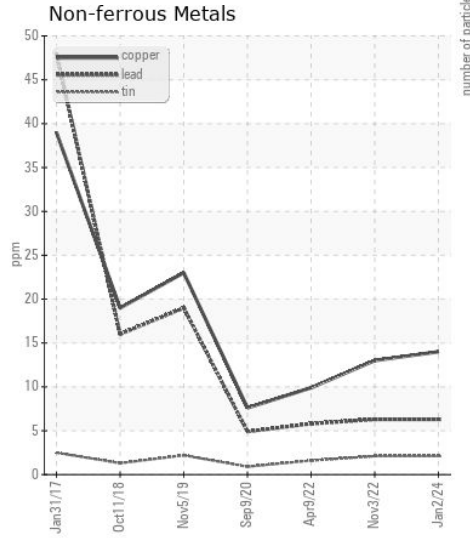
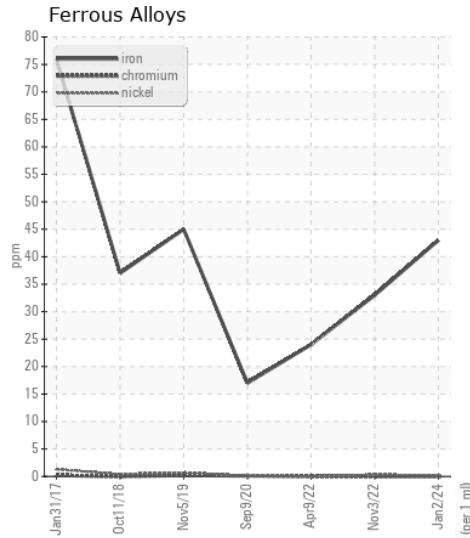
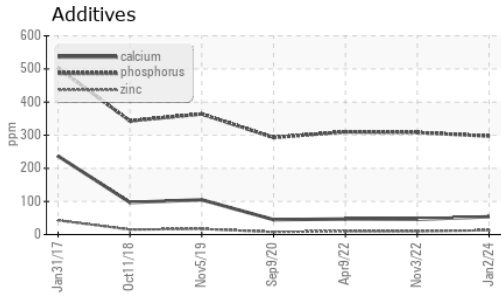
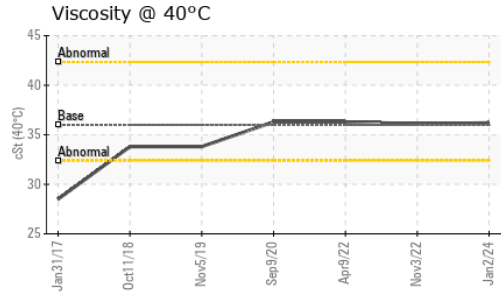
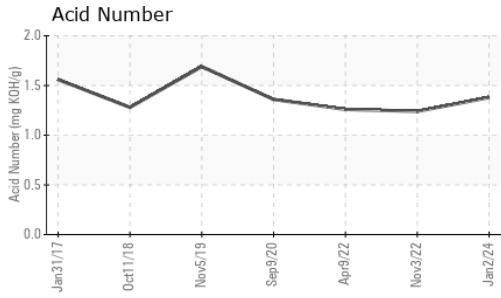
Additive levels indicate the addition of a different brand, or type of fluid.
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0877845	WC0755048	PC0050177
Sample Date		Client Info		02 Jan 2024	03 Nov 2022	09 Apr 2022
Machine Age	hrs	Client Info		5903	5198	4470
Oil Age	hrs	Client Info		1958	1253	525
Filter Age	hrs	Client Info		1958	1253	525
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>230	43	33	24
Chromium	ppm	ASTM D5185(m)	>2	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	0
Titanium	ppm	ASTM D5185(m)	>2	0	<1	<1
Silver	ppm	ASTM D5185(m)	>5	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>65	25	20	13
Lead	ppm	ASTM D5185(m)	>55	6	6	6
Copper	ppm	ASTM D5185(m)	>85	14	13	10
Tin	ppm	ASTM D5185(m)	>5	2	2	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	5	4	3
Potassium	ppm	ASTM D5185(m)	>20	1	<1	1
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	VLITE	LIGHT
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185(m)		5	4	4
Boron	ppm	ASTM D5185(m)		115	120	82
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		3	<1	0
Calcium	ppm	ASTM D5185(m)		54	46	47
Phosphorus	ppm	ASTM D5185(m)		297	308	310
Zinc	ppm	ASTM D5185(m)		13	10	10
Sulfur	ppm	ASTM D5185(m)		567	433	433
Acid Number (AN)	mg KOH/g	ASTM D974*		1.38	1.24	1.26
Visc @ 40°C	cSt	ASTM D7279(m)	36	36.2	36.1	36.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0877845 **Received** : 05 Jan 2024
Lab Number : 02606818 **Diagnosed** : 08 Jan 2024
Unique Number : 5707904 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: PrtCount)

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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.