



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SUPREME 6007TM
 Component
Hydrostatic
 Fluid
AW HYDRAULIC OIL ISO 46 (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0773372	WC0773371	WC0773363
Sample Date		Client Info		10 Mar 2024	12 Feb 2024	15 Aug 2023
Machine Age	hrs	Client Info		925	700	425
Oil Age	hrs	Client Info		925	700	425
Filter Age	hrs	Client Info		200	700	425
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	ATTENTION	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>200	4	4	3
Chromium	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)		0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>50	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>50	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>200	3	2	2
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

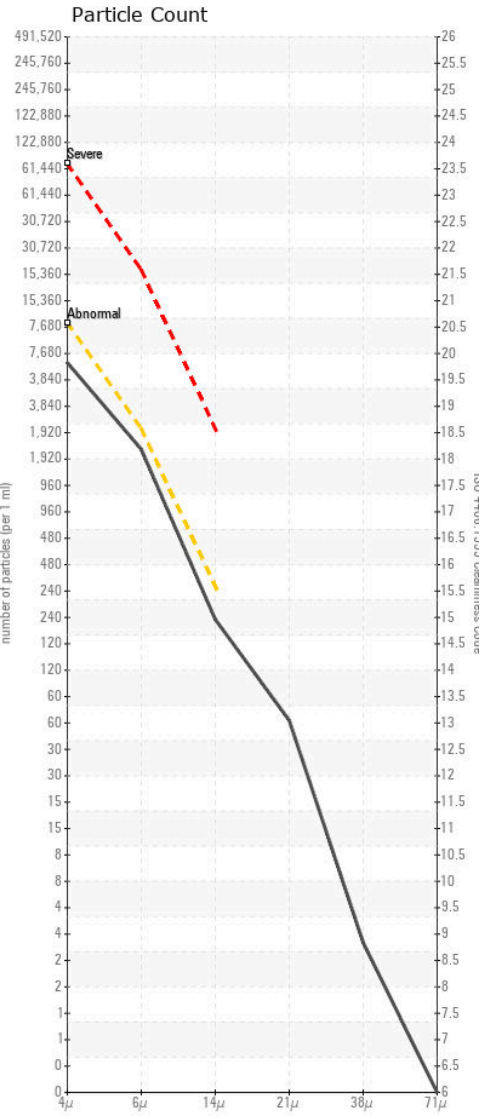
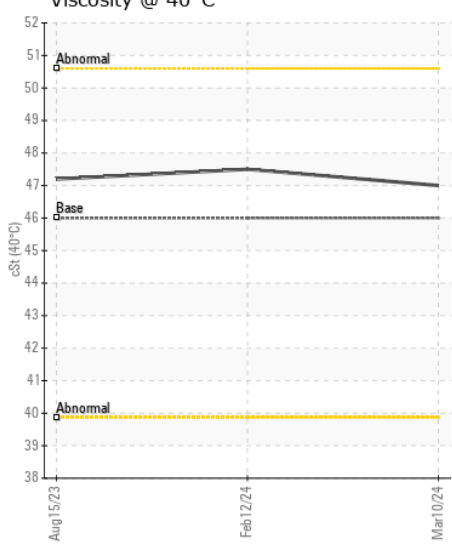
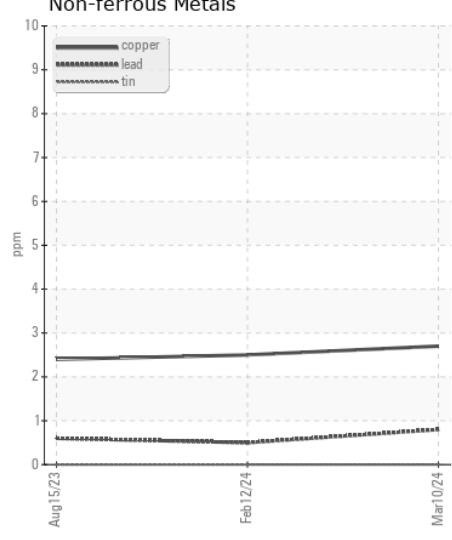
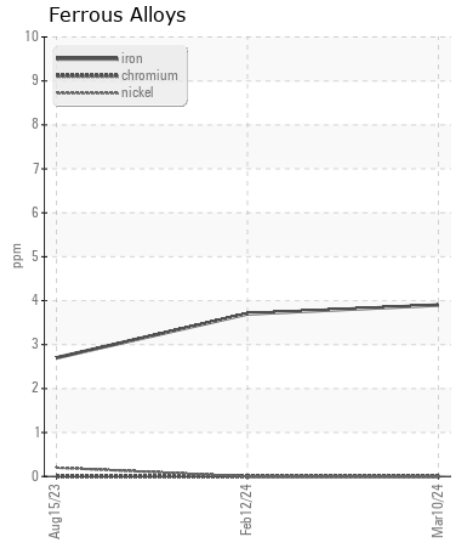
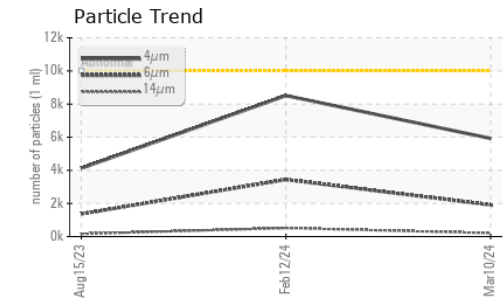
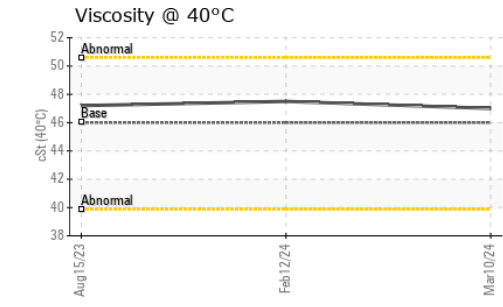
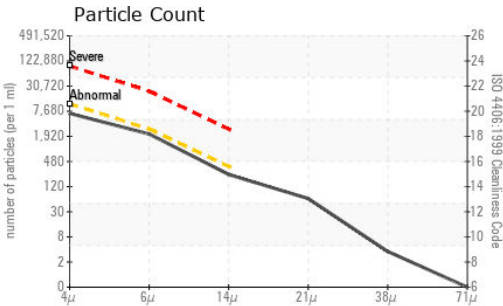
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicon	ppm	ASTM D5185(m)	>50	0	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	<1	1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>10000	5925	8511	4121
Particles >6µm		ASTM D7647	>2500	1909	3440	1363
Particles >14µm		ASTM D7647	>320	206	515	161
Particles >21µm		ASTM D7647	>80	55	159	39
Particles >38µm		ASTM D7647	>20	3	8	2
Particles >71µm		ASTM D7647	>4	0	1	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	20/18/15	20/19/16	19/18/15
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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<1	0	<1
Boron	ppm	ASTM D5185(m)	5	2	2	3
Barium	ppm	ASTM D5185(m)	5	<1	0	<1
Molybdenum	ppm	ASTM D5185(m)	5	2	2	2
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)	25	49	48	48
Calcium	ppm	ASTM D5185(m)	200	212	217	212
Phosphorus	ppm	ASTM D5185(m)	300	374	380	373
Zinc	ppm	ASTM D5185(m)	370	463	462	468
Sulfur	ppm	ASTM D5185(m)	2500	985	1059	968
Visc @ 40°C	cSt	ASTM D7279(m)	46	47.0	47.5	47.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0773372 **Received** : 14 May 2024
Lab Number : 02635317 **Tested** : 15 May 2024
Unique Number : 5776470 **Diagnosed** : 15 May 2024 - Wes Davis
Test Package : MOB 2

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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.