



A Y2K Fluid Power Brand

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
PREPRESS
Component
Hydraulic System
Fluid
MOBIL DTE 25 (--- LTR)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a high amount of particulates present in the oil.

FLUID CONDITION

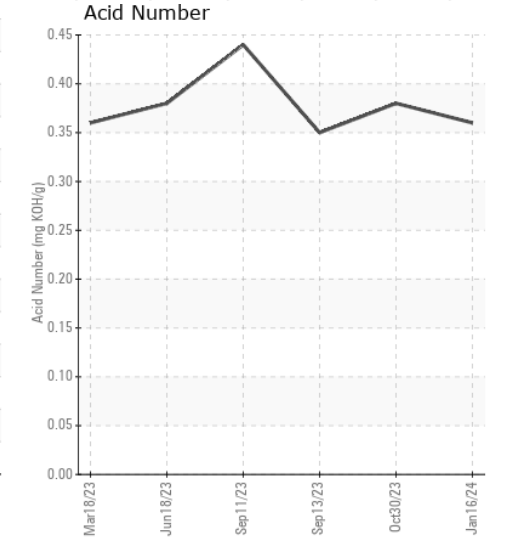
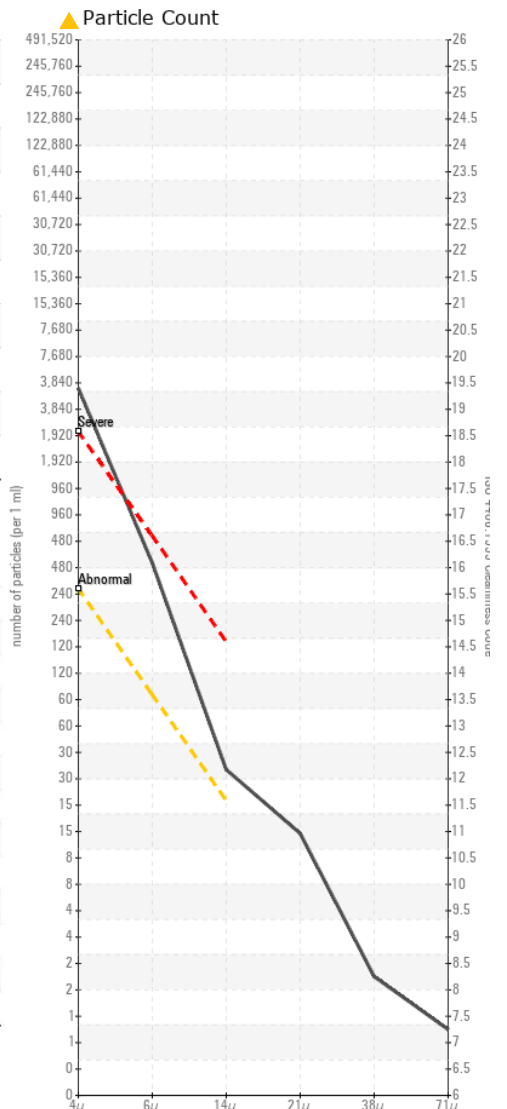
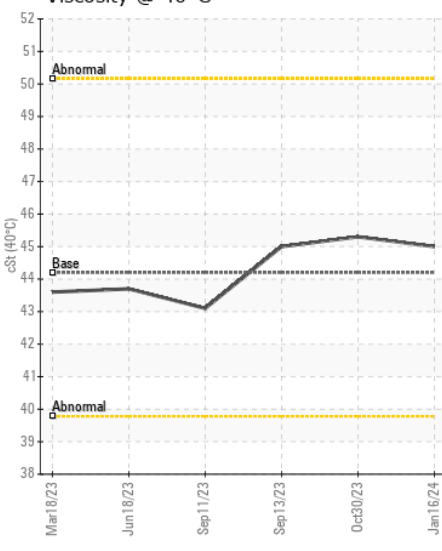
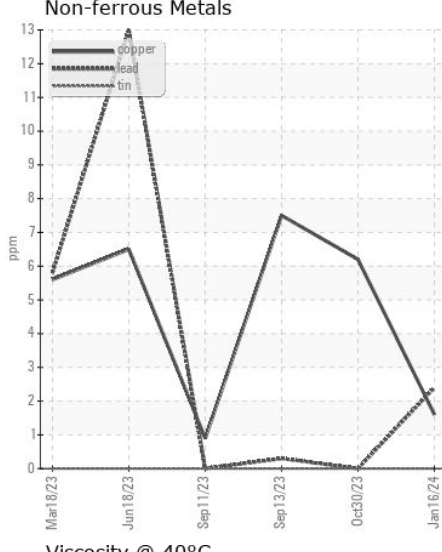
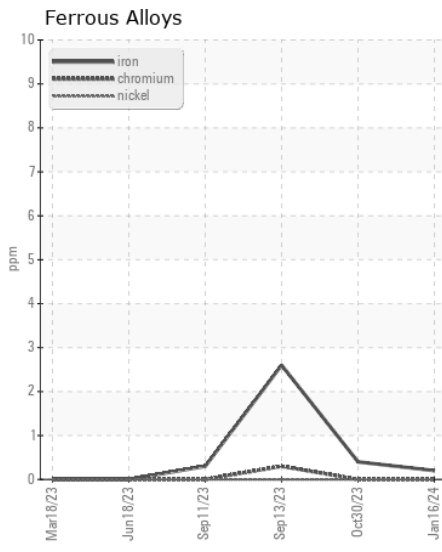
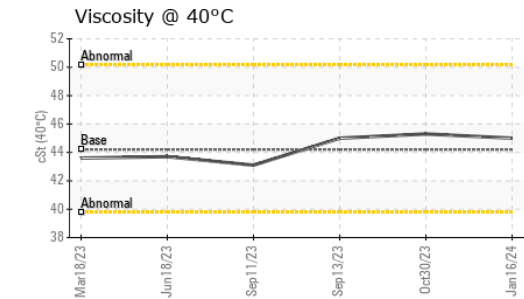
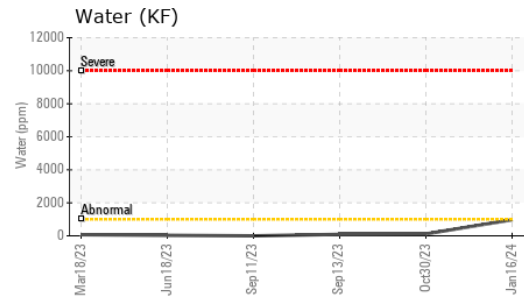
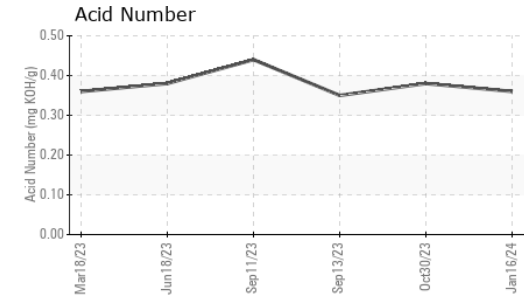
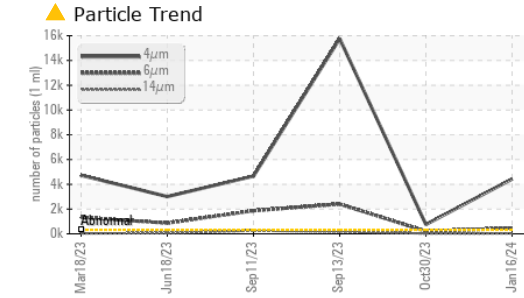
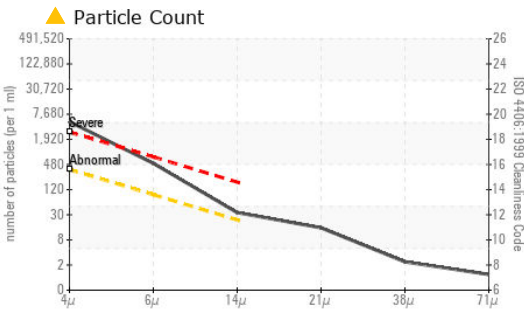
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		Y2K0001671	Y2K0001437	Y2K0001431
Sample Date		Client Info		16 Jan 2024	30 Oct 2023	13 Sep 2023
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		0	0	0
Filter Age	mths	Client Info		0	0	11
Oil Changed		Client Info		N/A	Filtered	Not Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				ABNORMAL	ABNORMAL	SEVERE

Iron	ppm	ASTM D5185m	>20	<1	<1	3
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	1	0	0
Lead	ppm	ASTM D5185m	>10	2	0	<1
Copper	ppm	ASTM D5185m	>75	2	6	8
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>20	7	0	<1
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water	%	ASTM D6304	>0.1	0.097	0.011	0.008
ppm Water	ppm	ASTM D6304	>1000	970	116.2	87.2
Particles >4µm		ASTM D7647	>320	4425	▲ 753	● 15762
Particles >6µm		ASTM D7647	>80	▲ 449	▲ 211	● 2409
Particles >14µm		ASTM D7647	>20	▲ 30	▲ 23	● 180
Particles >21µm		ASTM D7647	>4	▲ 13	▲ 7	● 67
Particles >38µm		ASTM D7647	>3	2	0	▲ 7
Particles >71µm		ASTM D7647	>3	1	0	1
Oil Cleanliness		ISO 4406 (c)	>15/13/11	▲ 19/16/12	▲ 17/15/12	● 21/18/15
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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	0.2%	NEG	NEG

Sodium	ppm	ASTM D5185m		<1	<1	0
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		3	16	14
Calcium	ppm	ASTM D5185m		50	17	14
Phosphorus	ppm	ASTM D5185m		369	264	260
Zinc	ppm	ASTM D5185m		416	301	282
Sulfur	ppm	ASTM D5185m		835	620	738
Acid Number (AN)	mg KOH/g	ASTM D8045		0.36	0.38	0.35
Visc @ 40°C	cSt	ASTM D445	44.2	45.0	45.3	45.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : Y2K0001671 **Received** : 17 Jan 2024
Lab Number : 06062691 **Diagnosed** : 24 Jan 2024
Unique Number : 10834073 **Diagnostician** : Doug Bogart
Test Package : MOB 2 (Additional Tests: KF)

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)

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