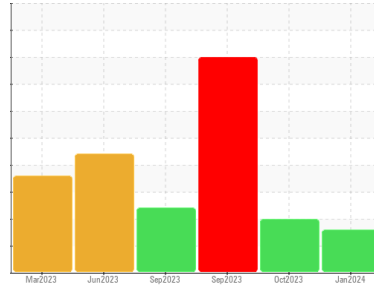


OIL ANALYSIS REPORT

Sample Rating Trend



ISO



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

DIAGNOSIS

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.

SAMPLE INFORMATION

method	limit/base	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
Oil Age	mths	Client Info	0	0
Oil Changed	Client Info	N/A	Filtered	Not Changd
Sample Status		ABNORMAL	ABNORMAL	SEVERE

WEAR METALS

method	limit/base	current	history1	history2	
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
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2	
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

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	7	0	<1
Sodium	ppm	ASTM D5185m	<1	<1	0
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

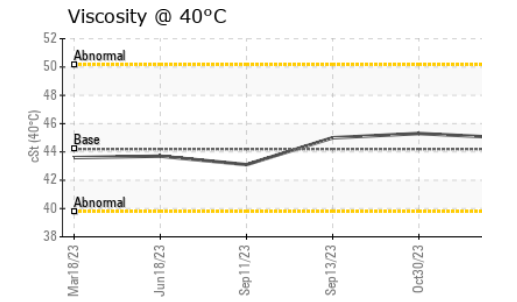
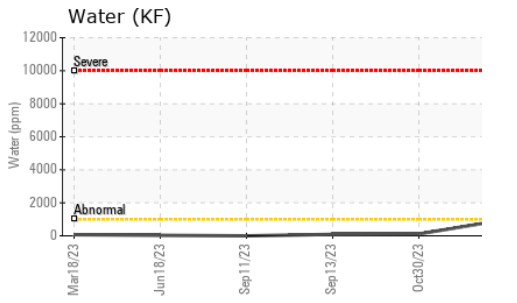
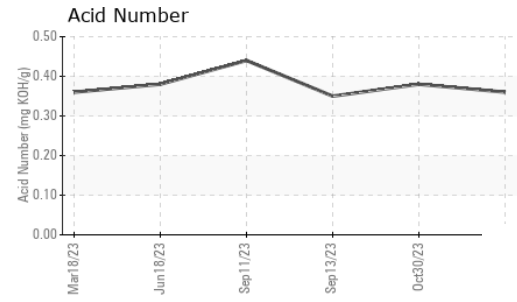
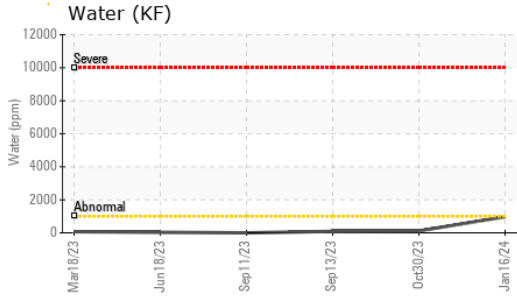
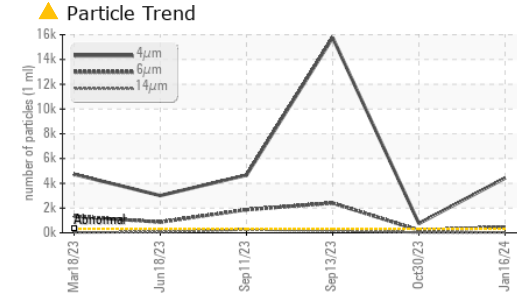
FLUID CLEANLINESS

method	limit/base	current	history1	history2
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

FLUID DEGRADATION

method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045	0.36	0.38	0.35

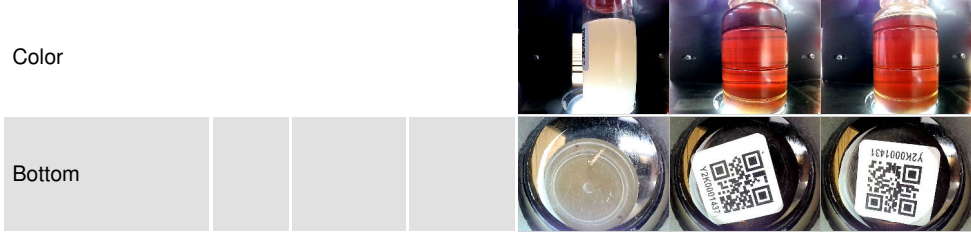
OIL ANALYSIS REPORT



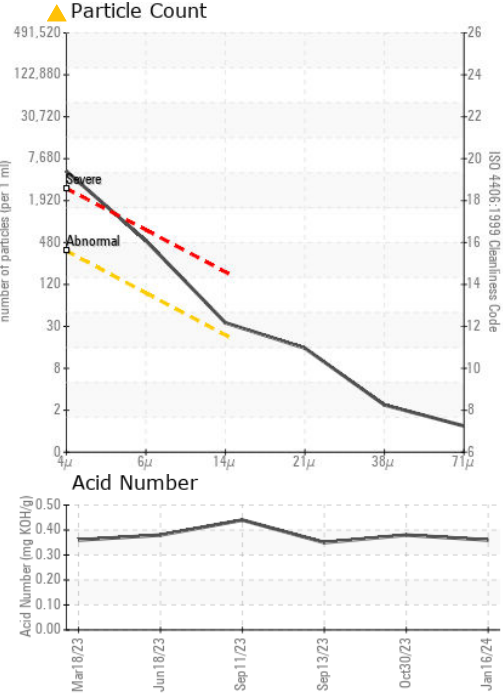
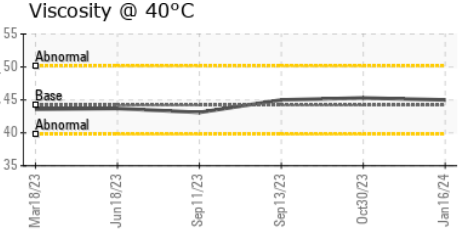
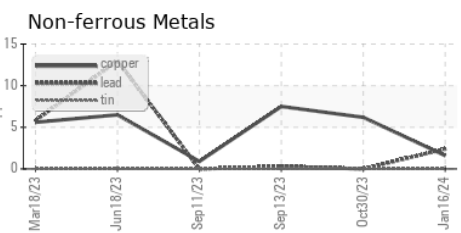
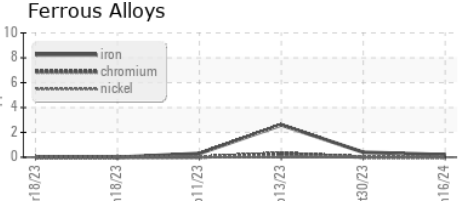
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG

PARAMETER	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.2	45.0	45.3

SAMPLE IMAGES



GRAPHS



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)

MASONITE
 1401 E 4TH ST
 MARSHFIELD, WI
 US 54449
 Contact: MIKE MURRAY
 mmurray@masonite.com

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)