



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**MULTI PRESS 1625**  
Component  
**Hydraulic System**  
Fluid  
**MOBIL DTE 26 (5 GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor. Due to an abnormal test result it is recommended to contact Stauff Corp at (201)-444-7800 for help resolving the issue.

**WEAR**

All component wear rates are normal.

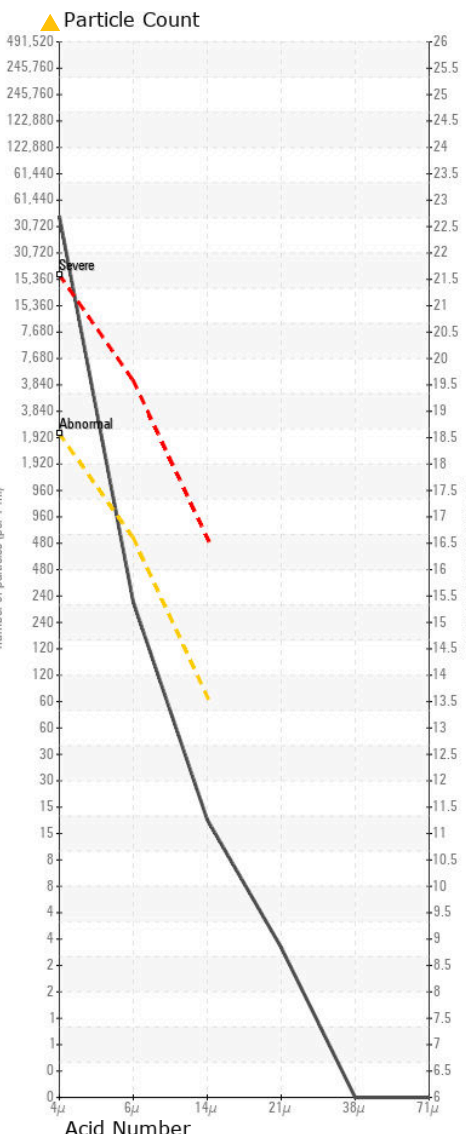
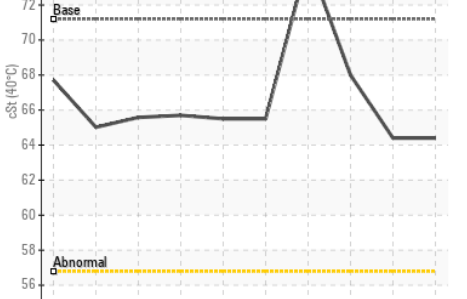
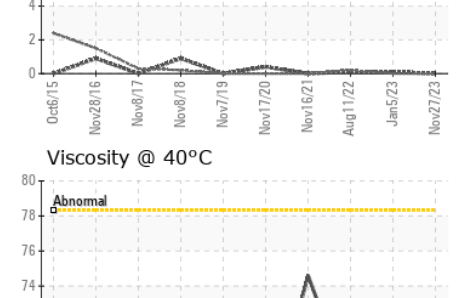
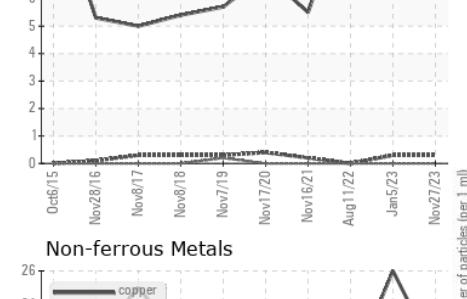
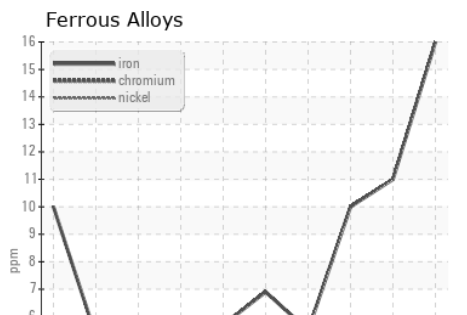
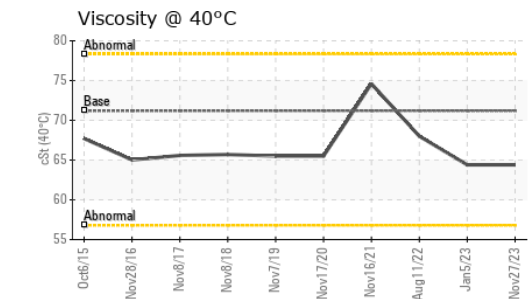
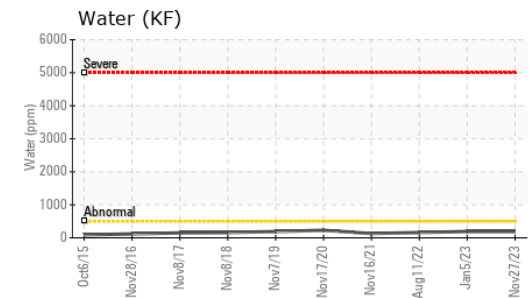
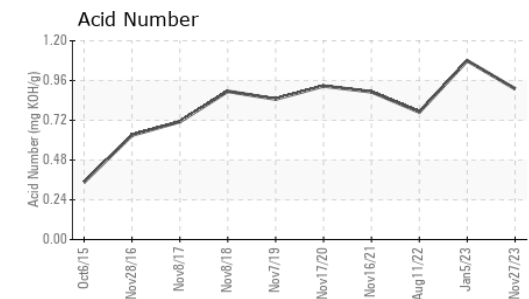
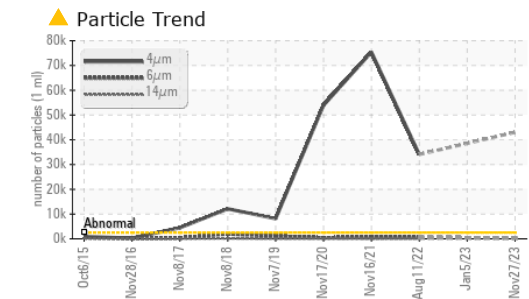
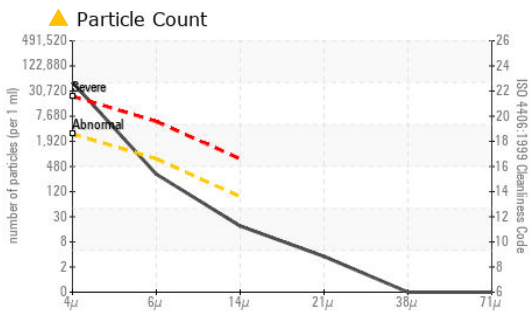
**CONTAMINATION**

There is a high amount of silt (particulates < 6 microns in size) 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		<b>ST44422</b>	ST44986	ST44332
Sample Date		Client Info		<b>27 Nov 2023</b>	05 Jan 2023	11 Aug 2022
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>20	<b>16</b>	11	10
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>2</b>	1	<1
Lead	ppm	ASTM D5185m	>20	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m	>20	<b>21</b>	26	20
Tin	ppm	ASTM D5185m	>20	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>15	<b>&lt;1</b>	1	<1
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	0
Water	%	ASTM D6304	>0.05	<b>0.019</b>	0.019	0.016
ppm Water	ppm	ASTM D6304	>500	<b>191</b>	191.7	161.2
Particles >4µm		ASTM D7647	>2500	<b>▲ 43031</b>	---	▲ 34077
Particles >6µm		ASTM D7647	>640	<b>276</b>	---	630
Particles >14µm		ASTM D7647	>80	<b>16</b>	---	55
Particles >21µm		ASTM D7647	>20	<b>3</b>	---	17
Particles >38µm		ASTM D7647	>4	<b>0</b>	---	0
Particles >71µm		ASTM D7647	>3	<b>0</b>	---	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	<b>▲ 23/15/11</b>	---	▲ 22/16/13
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	3	3
Boron	ppm	ASTM D5185m		<b>0</b>	0	<1
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	27
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m		<b>1</b>	0	1
Calcium	ppm	ASTM D5185m		<b>45</b>	74	55
Phosphorus	ppm	ASTM D5185m		<b>460</b>	429	375
Zinc	ppm	ASTM D5185m		<b>500</b>	602	432
Sulfur	ppm	ASTM D5185m		<b>8677</b>	9230	7164
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.91</b>	1.08	0.77
Visc @ 40°C	cSt	ASTM D445	71.2	<b>64.4</b>	64.4	68.0



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ST44422 **Received** : 11 Jan 2024  
**Lab Number** : 06058729 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10830111 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**LARSON TOOL & STAMPING CO**  
 90 OLIVE ST  
 ATTLEBORO, MA  
 US 02703  
 Contact: DAVE SIMCOCK  
 dsimcock@larsonstool.com  
 T: (508)222-0897  
 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)