



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area  
**WQ**  
 Machine Id  
**NORDBERG (SYMONS) 00077**  
 Component  
**Crusher**  
 Fluid  
**ISO 68 (220 GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

**WEAR**

All component wear rates are normal.

**CONTAMINATION**

There is a light concentration of water present in the oil.

**FLUID CONDITION**

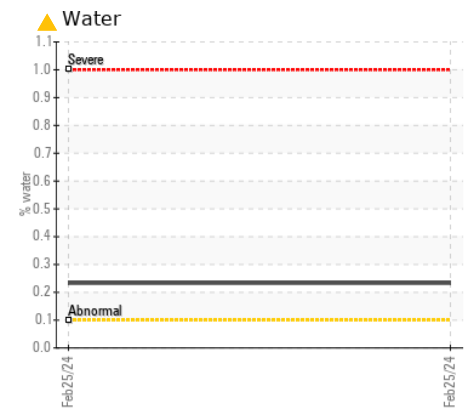
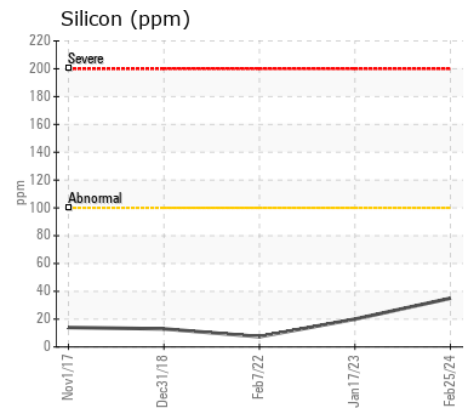
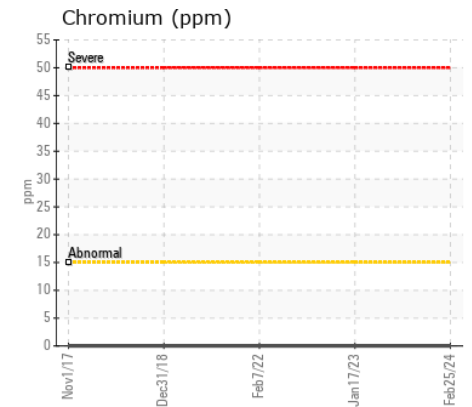
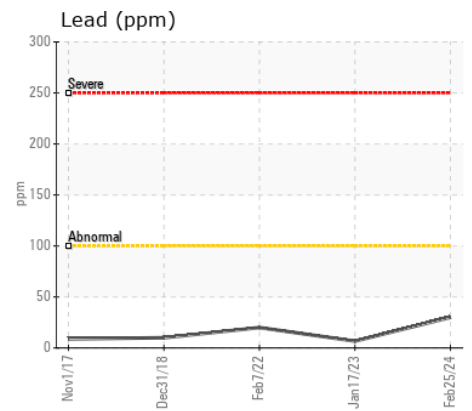
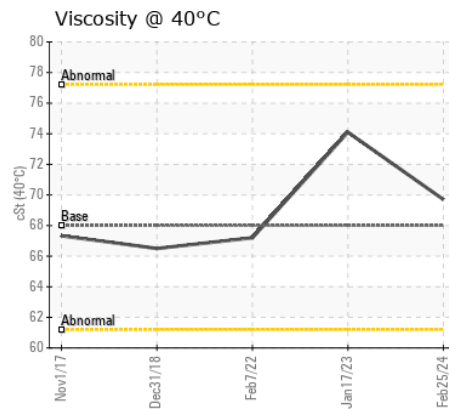
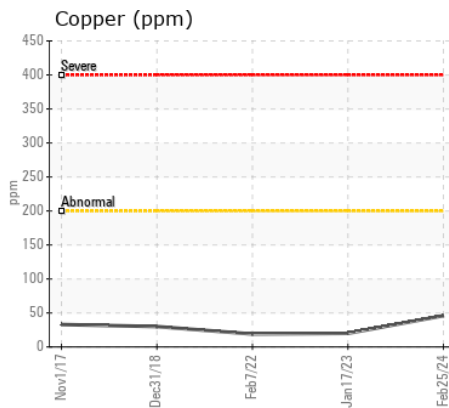
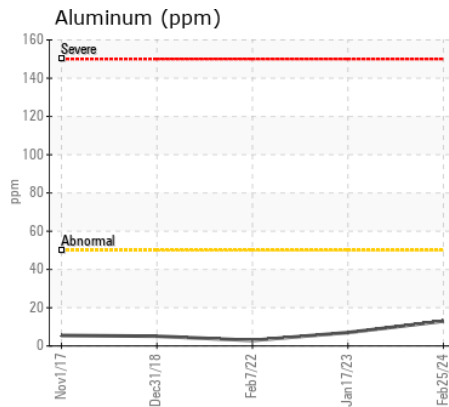
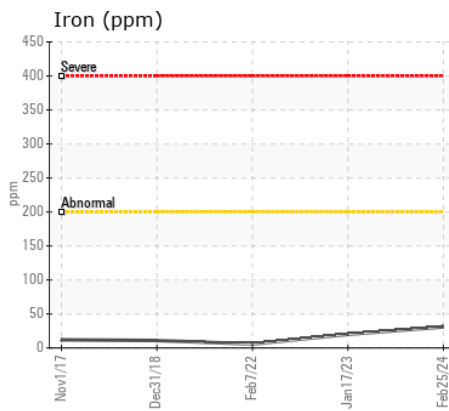
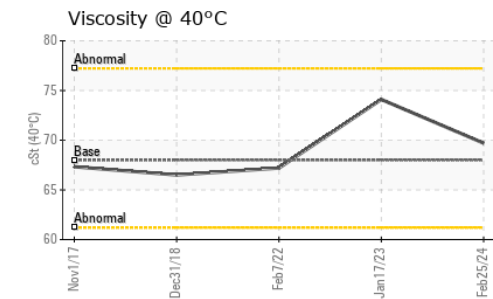
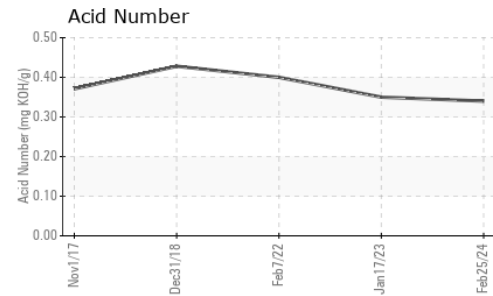
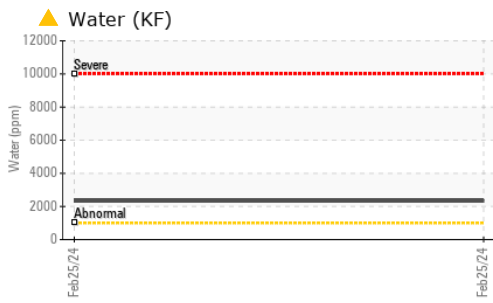
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LP0001373</b>	WC0570625	WC0524407
Sample Date		Client Info		<b>25 Feb 2024</b>	17 Jan 2023	07 Feb 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>	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>200	<b>31</b>	20	6
Chromium	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>50	<b>13</b>	7	3
Lead	ppm	ASTM D5185m	>100	<b>30</b>	7	20
Copper	ppm	ASTM D5185m	>200	<b>46</b>	20	19
Tin	ppm	ASTM D5185m	>15	<b>4</b>	1	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

Silicon	ppm	ASTM D5185m	>100	<b>35</b>	20	7
Potassium	ppm	ASTM D5185m	>20	<b>7</b>	2	2
Water	%	ASTM D6304	>0.1	<b>▲ 0.233</b>	---	---
ppm Water	ppm	ASTM D6304	>1000	<b>▲ 2330</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	LIGHT
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	>0.1	<b>0.2%</b>	NEG	NEG

Sodium	ppm	ASTM D5185m		<b>4</b>	3	<1
Boron	ppm	ASTM D5185m		<b>&lt;1</b>	<1	2
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	4
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185m		<b>5</b>	4	50
Calcium	ppm	ASTM D5185m		<b>15</b>	11	107
Phosphorus	ppm	ASTM D5185m		<b>162</b>	140	299
Zinc	ppm	ASTM D5185m		<b>8</b>	3	85
Sulfur	ppm	ASTM D5185m		<b>6357</b>	8953	6172
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.34</b>	0.35	0.40
Visc @ 40°C	cSt	ASTM D445	68.0	<b>69.7</b>	74.1	67.2



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LP0001373  
**Lab Number** : 06100266  
**Unique Number** : 10898496  
**Test Package** : MOB 2 ( Additional Tests: KF )

**Received** : 26 Feb 2024  
**Tested** : 27 Feb 2024  
**Diagnosed** : 28 Feb 2024 - Jonathan Hester

**S.M. LORUSSO & SONS**  
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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)