



# WEAR CHECK

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**SMEAL LADDER 1**  
 Component  
**Hydraulic System**  
 Fluid  
**AW HYDRAULIC OIL ISO 32 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

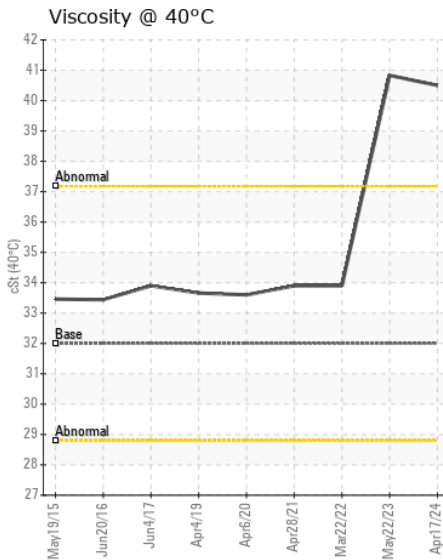
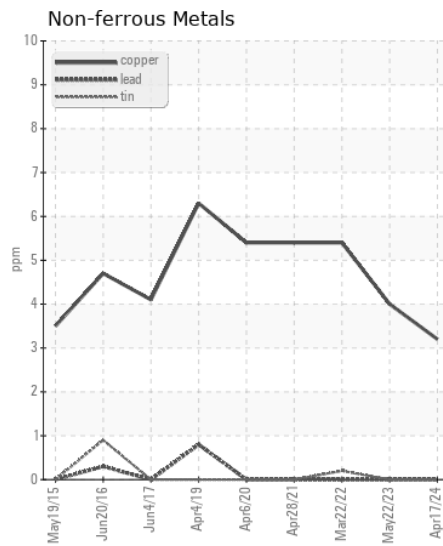
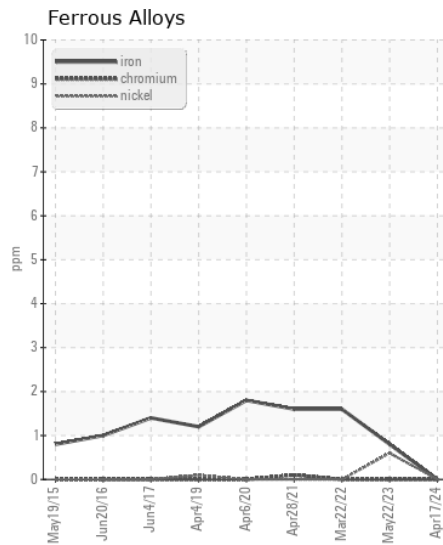
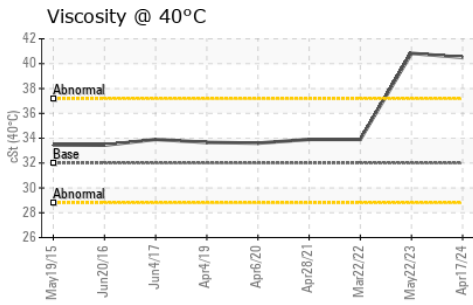
### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0917831</b>	WC0818281	WC0657994
Sample Date		Client Info		<b>17 Apr 2024</b>	22 May 2023	22 Mar 2022
Machine Age	hrs	Client Info		<b>0</b>	258	0
Oil Age	hrs	Client Info		<b>0</b>	258	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	N/A	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	N/A	Not Changed
Sample Status				<b>NORMAL</b>	ATTENTION	NORMAL
Iron	ppm	ASTM D5185m	>20	<b>0</b>	<1	2
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Lead	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>75	<b>3</b>	4	5
Tin	ppm	ASTM D5185m	>10	<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	>20	<b>5</b>	5	8
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	1	1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	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	>0.1	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>0</b>	0	0
Boron	ppm	ASTM D5185m	5	<b>0</b>	0	1
Barium	ppm	ASTM D5185m	5	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	5	<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185m	25	<b>14</b>	17	23
Calcium	ppm	ASTM D5185m	200	<b>106</b>	106	114
Phosphorus	ppm	ASTM D5185m	300	<b>407</b>	372	394
Zinc	ppm	ASTM D5185m	370	<b>443</b>	425	422
Sulfur	ppm	ASTM D5185m	2500	<b>1071</b>	1043	832
Visc @ 40°C	cSt	ASTM D445	32	<b>40.5</b>	40.83	33.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0917831      **Received** : 10 May 2024  
**Lab Number** : 06176405      **Tested** : 16 May 2024  
**Unique Number** : 11022458      **Diagnosed** : 16 May 2024 - Sean Felton  
**Test Package** : FLEET

**HENDERSON FIRE DEPT**  
 401 WEST MAIN ST  
 HENDERSON, TX  
 US 75654  
 Contact: MARK JENNINGS

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)

T: (903)657-6551

F: