



# OIL ANALYSIS REPORT

WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**LIEBHERR R954H DW C-35 (S/N 000369-569)**  
Component  
**Splitter Box**  
Fluid  
**CHEVRON MULTIGEAR EP5 80W90 (--- GAL)**

## RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0920318</b>	WC0879510	WC0819386
Sample Date		Client Info		<b>13 Jun 2024</b>	26 Dec 2023	10 Jun 2023
Machine Age	hrs	Client Info		<b>49078</b>	48127	47125
Oil Age	hrs	Client Info		<b>1953</b>	1002	47125
Filter Age	hrs	Client Info		<b>0</b>	0	47125
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## WEAR

Gear wear is indicated. All other component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	<b>▲ 419</b>	▲ 312	▲ 226
Chromium	ppm	ASTM D5185m	>5	<b>5</b>	3	2
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>2</b>	<1	<1
Lead	ppm	ASTM D5185m	>30	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m	>20	<b>2</b>	2	1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

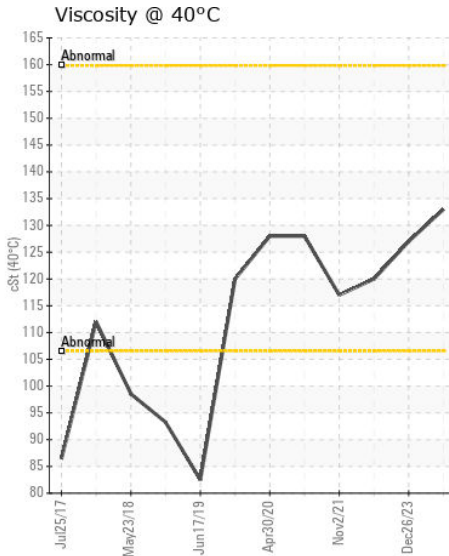
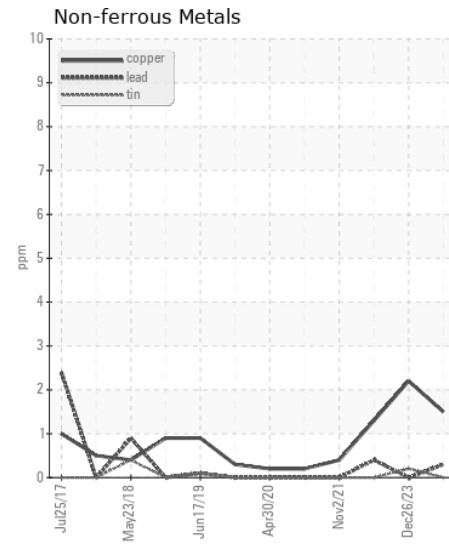
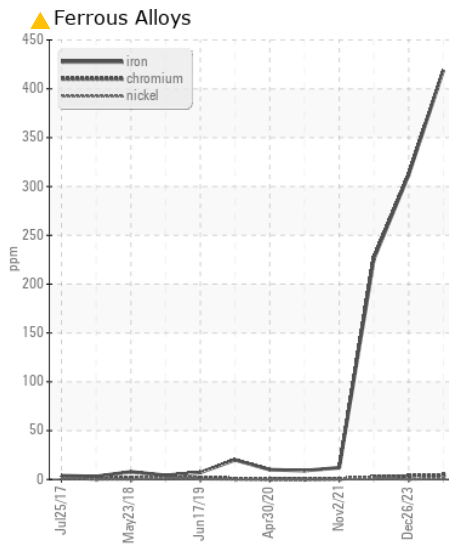
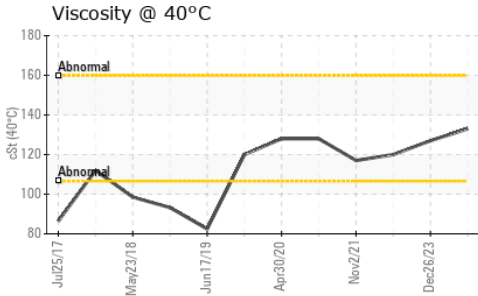
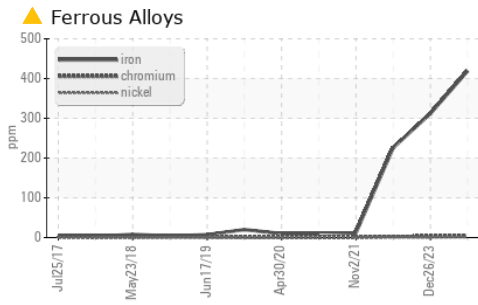
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>30	<b>6</b>	5	15
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	4
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

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>25	<b>0</b>	1	3
Boron	ppm	ASTM D5185m		<b>14</b>	14	20
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	4
Molybdenum	ppm	ASTM D5185m		<b>1</b>	<1	1
Manganese	ppm	ASTM D5185m		<b>4</b>	3	2
Magnesium	ppm	ASTM D5185m		<b>3</b>	0	5
Calcium	ppm	ASTM D5185m		<b>10</b>	7	20
Phosphorus	ppm	ASTM D5185m		<b>443</b>	482	395
Zinc	ppm	ASTM D5185m		<b>71</b>	37	36
Sulfur	ppm	ASTM D5185m		<b>16285</b>	18193	19518
Visc @ 40°C	cSt	ASTM D445		<b>133</b>	127	120



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0920318  
**Lab Number** : 06215217  
**Unique Number** : 11088081  
**Test Package** : CONST  
**Received** : 19 Jun 2024  
**Tested** : 20 Jun 2024  
**Diagnosed** : 21 Jun 2024 - Sean Felton

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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)