



# CONSTRUCTION EQUIPMENT

## LIEBHERR L524 020079-659 - TRANSMISSION



**Sample No:** VCP06152695  
**Oil Type:** {unknown}  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP06152695</b>	LHMC123467	---	---
Sample Date	<b>02 Apr 2024</b>	18 Mar 2019	---	---
Machine Hours	<b>0</b>	11557	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	SEVERE	---	---

### SIMS METAL MANAGEMENT

2500 S. PAULINA  
 CHICAGO, IL  
 US 60608  
 Contact: RYAN WISE  
 ryan.wise@simsmm.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>33.3</b>	11.5	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<b>8</b>	7	---	---
Sodium	ppm	<b>25</b>	84	---	---
Potassium	ppm	<b>5</b>	0	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>147</b>	532	---	---
Copper	ppm	<b>47</b>	140	---	---
Lead	ppm	<b>0</b>	2	---	---
Tin	ppm	<b>2</b>	3	---	---
Aluminum	ppm	<b>2</b>	5	---	---
Chromium	ppm	<b>2</b>	7	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	1	---	---
Manganese	ppm	<b>2</b>	6	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>66</b>	343	---	---
Magnesium	ppm	<b>&lt;1</b>	3	---	---
Zinc	ppm	<b>40</b>	219	---	---
Phosphorus	ppm	<b>223</b>	236	---	---
Barium	ppm	<b>0</b>	1	---	---
Boron	ppm	<b>77</b>	38	---	---

**Depot:** SIMCHIL  
**Unique No:** 10982773  
**Signed:** Sean Felton  
**Report Date:** 22 Apr 2024

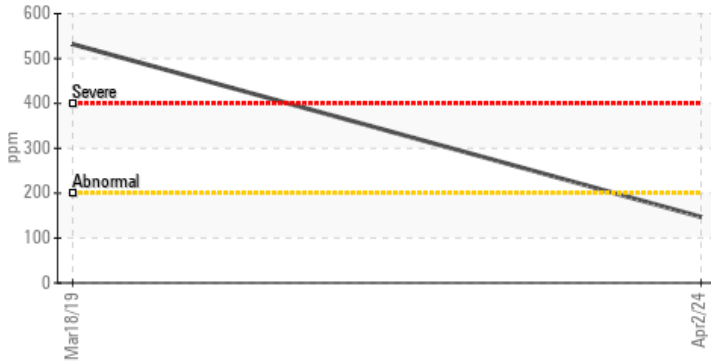


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## GRAPHS

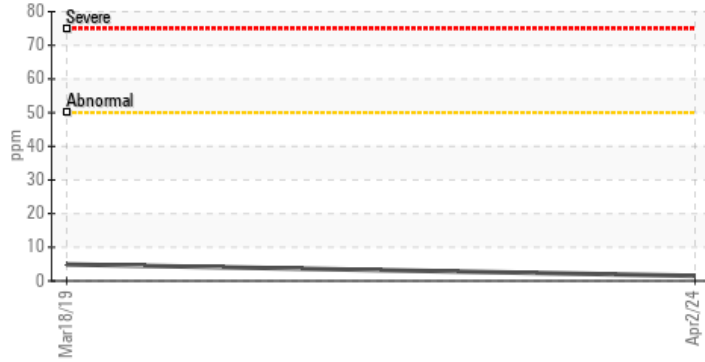
### Iron (ppm)



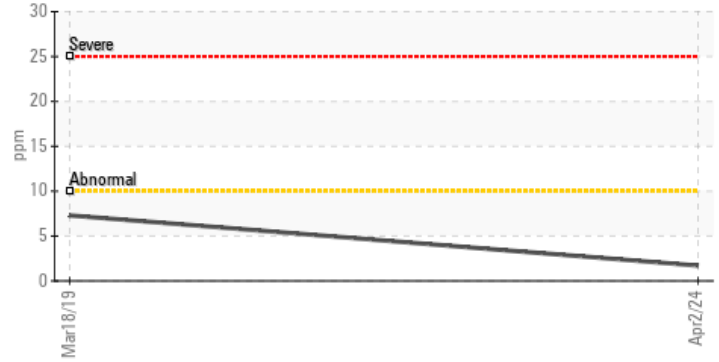
### Lead (ppm)



### Aluminum (ppm)



### Chromium (ppm)



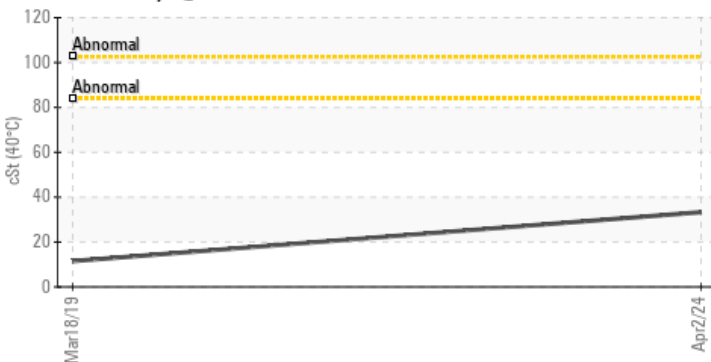
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

