



# CONSTRUCTION EQUIPMENT

## 134055 VOLVO A45G 352245 - BRAKE



**Sample No:** VCP418735

**Oil Type:** NOT GIVEN

**Job No:** 134055



### SAMPLE INFORMATION

Sample Number	<b>VCP418735</b>	VCP423862	VCP393296	VCP398082
Sample Date	<b>11 Aug 2023</b>	19 Jun 2023	03 Mar 2023	27 Dec 2022
Machine Hours	<b>9987</b>	0	8955	8513
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE  
14242 S SH-34  
SCURRY, TX  
US 75158  
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T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>46.3</b>	48.1	48.5	46.7
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### CONTAMINATION

Silicon	ppm	<b>9</b>	12	8	11
Sodium	ppm	<b>2</b>	0	0	<1
Potassium	ppm	<b>0</b>	2	2	1



### WEAR METALS

Iron	ppm	<b>15</b>	18	13	17
Copper	ppm	<b>95</b>	114	86	119
Lead	ppm	<b>&lt;1</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	1	2	<1
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>2</b>	4	3	3
Nickel	ppm	<b>3</b>	3	3	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2626</b>	3396	2652	2533
Magnesium	ppm	<b>9</b>	11	8	8
Zinc	ppm	<b>1250</b>	1586	1206	1167
Phosphorus	ppm	<b>1078</b>	1334	1035	1028
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>34</b>	34	27	39

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** LATSCU  
**Unique No:** 10617625  
**Signed:** Jonathan Hester  
**Report Date:** 25 Aug 2023

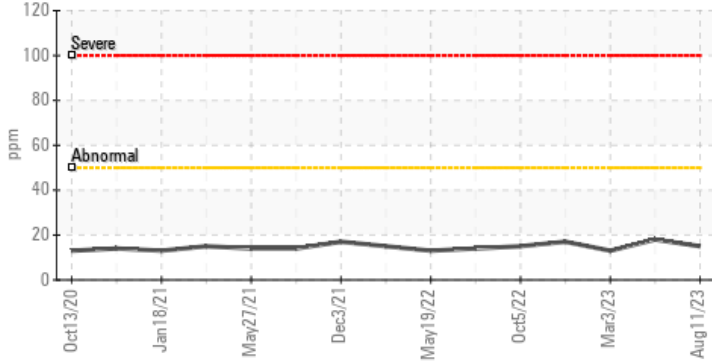


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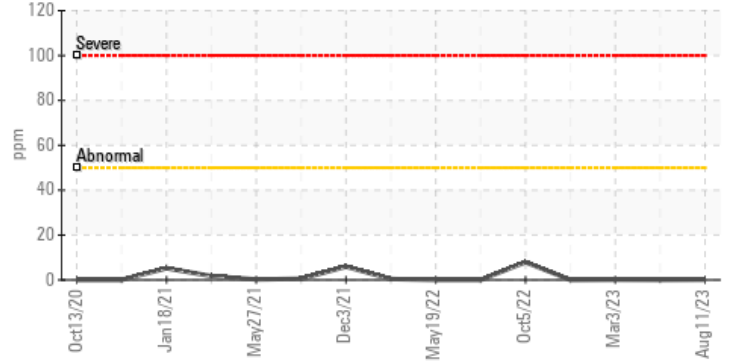


## GRAPHS

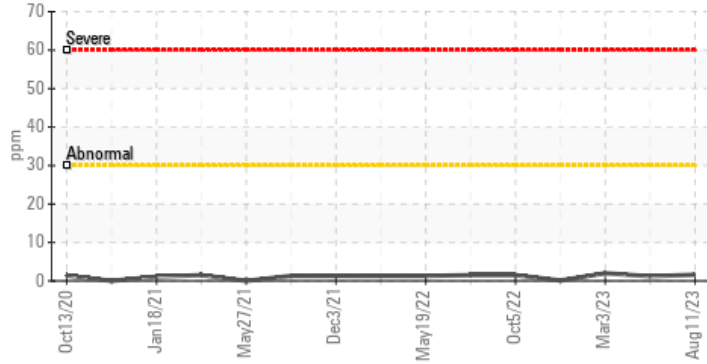
### Iron (ppm)



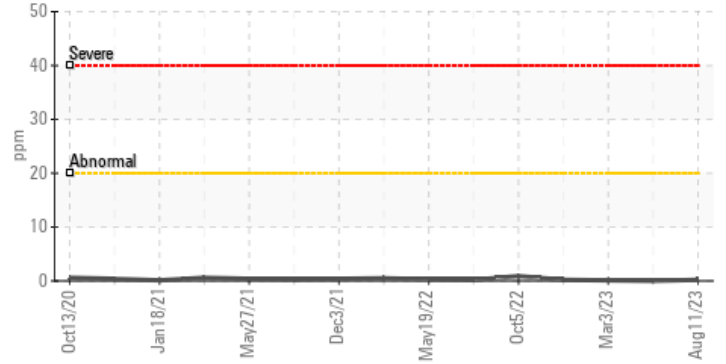
### Lead (ppm)



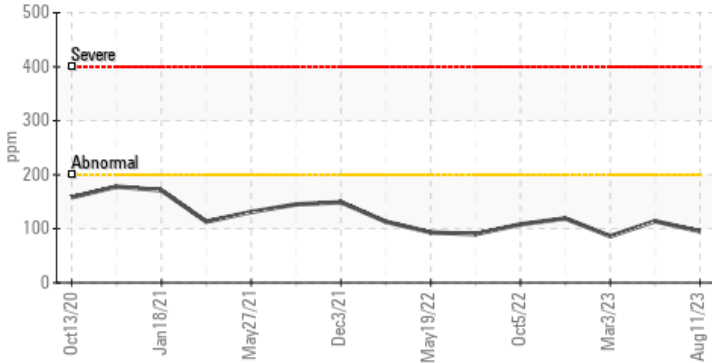
### Aluminum (ppm)



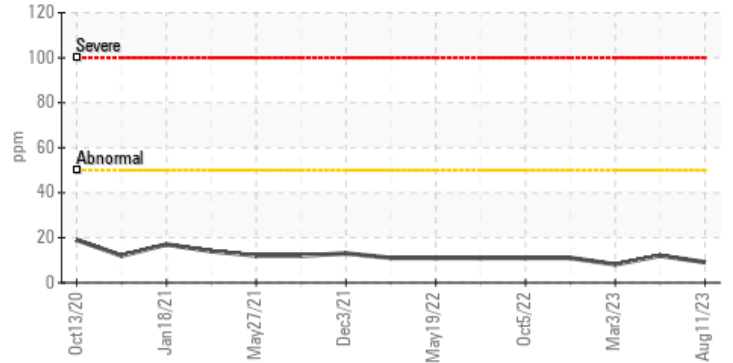
### Chromium (ppm)



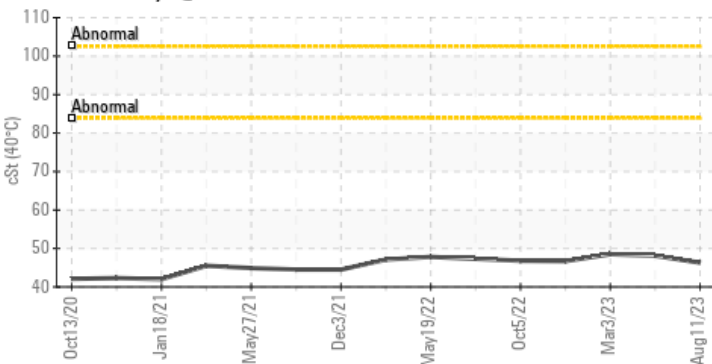
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

