



# CONSTRUCTION EQUIPMENT

SW1027074 LKQ VOLVO L90H 624179 - FRONT AXLE



**Sample No:** VCP441199  
**Oil Type:** VOLVO WB 102  
**Job No:** SW1027074 LKQ



## SAMPLE INFORMATION

Sample Number	VCP441199	VCP281397	---	---
Sample Date	30 Nov 2023	04 Aug 2020	---	---
Machine Hours	10139	2008	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**ARNOLD MACHINERY COMPANY**  
 4323 EAST WINSLOW AVENUE  
 PHOENIX, AZ  
 US 85040  
 Contact: RANDY PRZEKURAT  
 randyp@arnoldmachinery.com  
 T:  
 F: (602)414-1904



## OIL CONDITION

Visc @ 40°C	cSt	40.1	40.9	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	13	---	---
Sodium	ppm	7	2	---	---
Potassium	ppm	4	<1	---	---

## 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.



## WEAR METALS

Iron	ppm	64	45	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	5	11	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	6	---	---
Vanadium	ppm	<1	0	---	---



## ADDITIVES

Calcium	ppm	3763	4047	---	---
Magnesium	ppm	10	8	---	---
Zinc	ppm	1573	1338	---	---
Phosphorus	ppm	1287	1254	---	---
Barium	ppm	0	0	---	---
Boron	ppm	127	121	---	---

**Depot:** VOLVO6174  
**Unique No:** 10777991  
**Signed:** Wes Davis  
**Report Date:** 09 Dec 2023

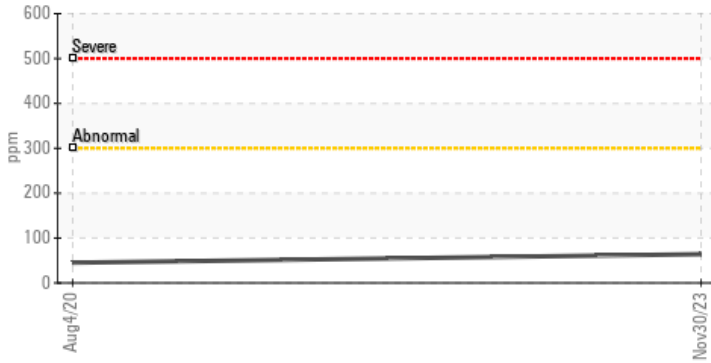


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## GRAPHS

### Iron (ppm)



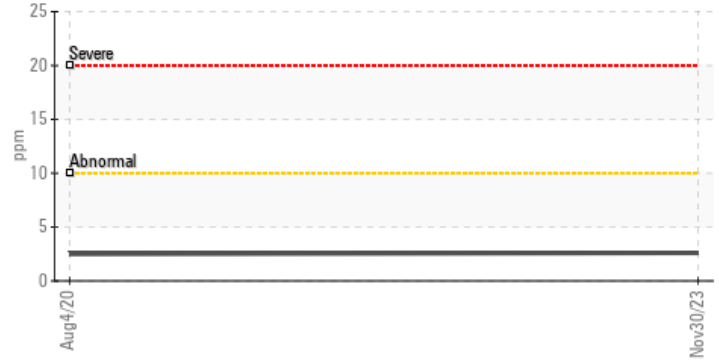
### Lead (ppm)



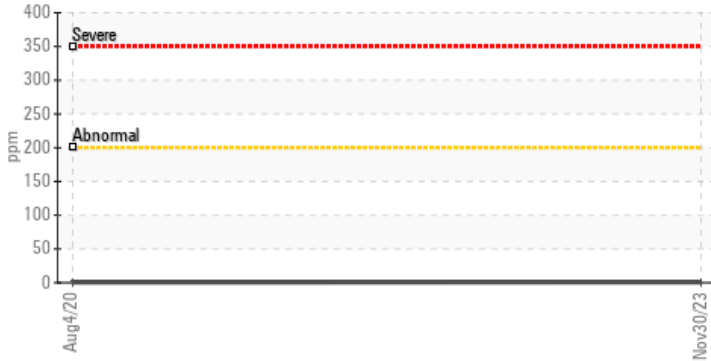
### Aluminum (ppm)



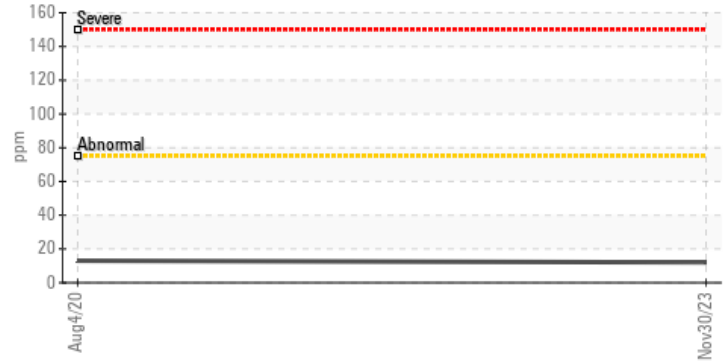
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

