



# CONSTRUCTION EQUIPMENT

SW-35693-2 RIGID BLD VOLVO A45G 352709 - DROP BOX



**Sample No:** VCP445959  
**Oil Type:** {unknown}  
**Job No:** SW-35693-2 RIGID BLD



**ARNOLD MACHINERY COMPANY**  
2975 WEST 2100 SOUTH  
SALT LAKE CITY, UT  
US 84119  
Contact: TONY PAYAN  
tpayan@arnoldmachinery.com  
T: (801)972-4000  
F: (801)975-9434



## SAMPLE INFORMATION

Sample Number	VCP445959	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	5343	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	■ 54.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---



## WEAR METALS

Iron	ppm	■ 122	---	---	---
Copper	ppm	■ 13	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	81	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	37	---	---	---
Phosphorus	ppm	2368	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	297	---	---	---

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

**Depot:** VOLVO8770  
**Unique No:** 11072504  
**Signed:** Don Baldrige  
**Report Date:** 12 Jun 2024

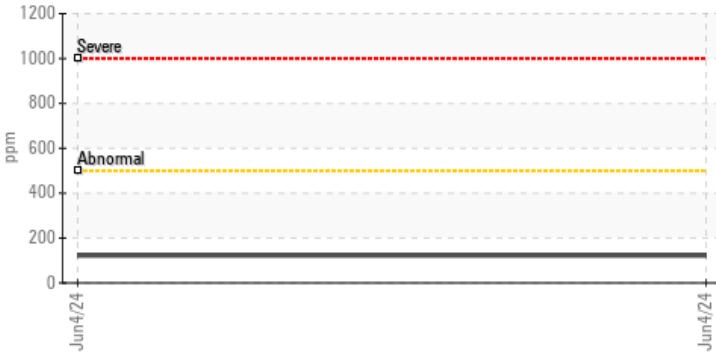


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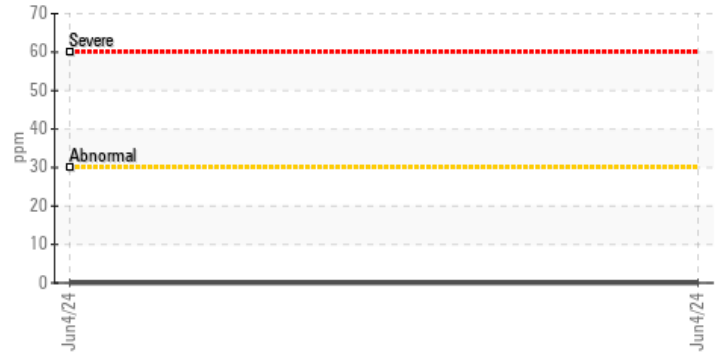


## GRAPHS

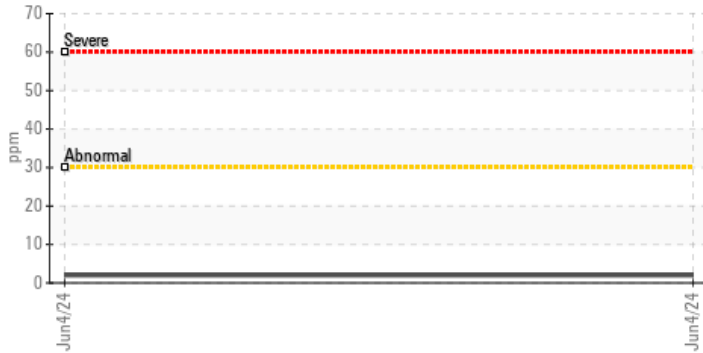
### Iron (ppm)



### Lead (ppm)



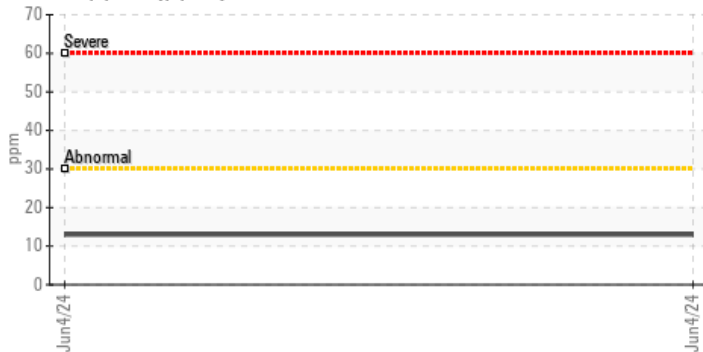
### Aluminum (ppm)



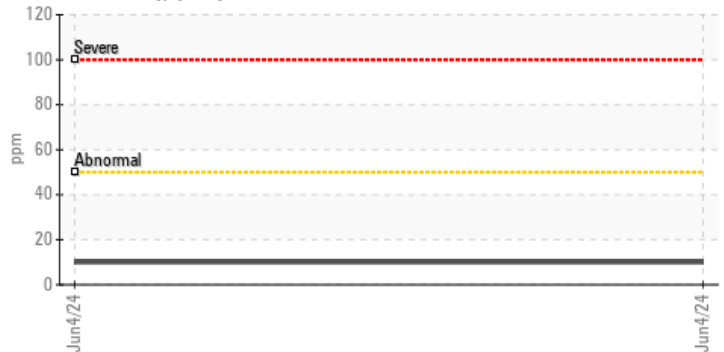
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

