



# CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2268 - FRONT AXLE



**Sample No:** VCP440411  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** TRANSPORT LEASING



## SAMPLE INFORMATION

Sample Number	<b>VCP440411</b>	VCP429830	VCP400164	VCP402495
Sample Date	<b>28 Mar 2024</b>	26 Jan 2024	31 Oct 2023	26 Apr 2023
Machine Hours	<b>24936</b>	23943	22857	21868
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ARNOLD MACHINERY COMPANY**  
 464 WASHINGTON STREET S  
 TWIN FALLS, ID  
 US 83301  
 Contact: JANA E HYMAS  
 jhymas@arnoldmachinery.com  
 T: (208)733-1715  
 F: (775)356-7152



## OIL CONDITION

Visc @ 40°C	cSt	<b>55.4</b>	52.8	52.5	51.2
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>18</b>	16	15	18
Sodium	ppm	<b>&lt;1</b>	<1	<1	1
Potassium	ppm	<b>0</b>	0	0	0

## 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	<b>39</b>	29	37	51
Copper	ppm	<b>0</b>	0	0	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	1
Chromium	ppm	<b>0</b>	<1	0	<1
Molybdenum	ppm	<b>5</b>	0	<1	4
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3447</b>	3409	3243	3278
Magnesium	ppm	<b>76</b>	22	28	48
Zinc	ppm	<b>1434</b>	1389	1339	1432
Phosphorus	ppm	<b>1184</b>	1142	1022	1133
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>111</b>	110	113	112

**Depot:** VOLVO1835  
**Unique No:** 10977825  
**Signed:** Wes Davis  
**Report Date:** 15 Apr 2024



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## VOLVO GRAPHS

