



# CONSTRUCTION EQUIPMENT

## TRANSPORT LEASING VOLVO L180H 3090 - FRONT AXLE



**Sample No:** VCP402041  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** TRANSPORT LEASING



### SAMPLE INFORMATION

Sample Number	<b>VCP402041</b>	VCP402497	VCP384970	VCP376561
Sample Date	<b>29 Nov 2023</b>	19 Apr 2023	17 Jan 2023	15 Nov 2022
Machine Hours	<b>20392</b>	19441	18352	17473
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	N/A	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>52.6</b>	48.4	49.4	48.6
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>16</b>	13	13	14
Sodium	ppm	<b>3</b>	1	0	2
Potassium	ppm	<b>5</b>	0	1	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>4</b>	5	4	20
Copper	ppm	<b>&lt;1</b>	<1	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	1	0	1
Chromium	ppm	<b>0</b>	<1	0	<1
Molybdenum	ppm	<b>2</b>	2	4	5
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	0	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3332</b>	3313	3493	3283
Magnesium	ppm	<b>17</b>	27	33	43
Zinc	ppm	<b>1363</b>	1338	1399	1337
Phosphorus	ppm	<b>1115</b>	1081	1143	1051
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>111</b>	112	122	106

**Depot:** VOLVO1835  
**Unique No:** 10777974  
**Signed:** Wes Davis  
**Report Date:** 09 Dec 2023



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## VOLVO GRAPHS

