



# CONSTRUCTION EQUIPMENT

## TRANSPORT LEASING VOLVO L220H 2279 - REAR AXLE



**Sample No:** VCP401922  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** TRANSPORT LEASING



### SAMPLE INFORMATION

Sample Number	<b>VCP401922</b>	VCP382216	VCP382519	VCP375099
Sample Date	<b>14 Dec 2023</b>	28 Aug 2023	15 Feb 2023	30 Nov 2022
Machine Hours	<b>20856</b>	19900	19093	18128
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	N/A	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>52.4</b>	51.3	51.3	52.5
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>16</b>	18	15	15
Sodium	ppm	<b>0</b>	0	0	1
Potassium	ppm	<b>0</b>	1	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>50</b>	41	35	57
Copper	ppm	<b>&lt;1</b>	0	0	<1
Lead	ppm	<b>1</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	2	2	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>1</b>	2	3	5
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>3221</b>	3535	3387	3507
Magnesium	ppm	<b>7</b>	27	39	59
Zinc	ppm	<b>1315</b>	1433	1348	1378
Phosphorus	ppm	<b>1009</b>	1181	1110	1085
Barium	ppm	<b>0</b>	2	0	0
Boron	ppm	<b>123</b>	144	116	128

**Depot:** VOLVO1835  
**Unique No:** 10796052  
**Signed:** Wes Davis  
**Report Date:** 21 Dec 2023



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## GRAPHS

