



# CONSTRUCTION EQUIPMENT

## TRANSPORT LEASING VOLVO L220H 2268 - TRANSMISSION (AUTO)



**Sample No:** VCP440409  
**Oil Type:** MOBIL ATF  
**Job No:** TRANSPORT LEASING



### SAMPLE INFORMATION

Sample Number	<b>VCP440409</b>	VCP339796	VCP335622	VCP241891
Sample Date	<b>28 Mar 2024</b>	11 Apr 2022	28 Jan 2022	06 Aug 2019
Machine Hours	<b>24936</b>	18981	18124	10952
Oil Hours	<b>0</b>	0	500	0
Oil Changed	<b>Changed</b>	Not Chngd	Changed	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>26.0</b>	27.2	23.6	30.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>7</b>	5	13	4
Sodium	ppm	<b>3</b>	2	6	1
Potassium	ppm	<b>7</b>	1	15	1

### Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>204</b>	111	286	<1
Copper	ppm	<b>10</b>	5	13	<1
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	1	2	0
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	2	0	0
Manganese	ppm	<b>2</b>	<1	4	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>126</b>	116	195	168
Magnesium	ppm	<b>5</b>	2	0	2
Zinc	ppm	<b>19</b>	12	32	20
Phosphorus	ppm	<b>235</b>	228	260	211
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>90</b>	97	58	67

**Depot:** VOLVO1835  
**Unique No:** 10977923  
**Signed:** Don Baldrige  
**Report Date:** 16 Apr 2024



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## VOLVO GRAPHS

