



# CONSTRUCTION EQUIPMENT

## TRANSPORT LEASING VOLVO L220H 2279 - TRANSMISSION



**Sample No:** VCP382213  
**Oil Type:** MOBIL ATF  
**Job No:** TRANSPORT LEASING



### SAMPLE INFORMATION

Sample Number	<b>VCP382213</b>	VCP320154	---	---
Sample Date	<b>28 Aug 2023</b>	09 Feb 2022	---	---
Machine Hours	<b>19900</b>	16227	---	---
Oil Hours	<b>0</b>	2000	---	---
Oil Changed	<b>N/A</b>	Changed	---	---
Sample Status	<b>MARGINAL</b>	ABNORMAL	---	---

### ARNOLD MACHINERY COMPANY

464 WASHINGTON STREET S  
 TWIN FALLS, ID  
 US 83301

Contact: JANA E HYMAS  
 jhyamas@arnoldmachinery.com  
 T: (208)733-1715  
 F: (775)356-7152



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.2</b>	25.7	---	---
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### CONTAMINATION

Silicon	ppm	<b>4</b>	5	---	---
Sodium	ppm	<b>2</b>	3	---	---
Potassium	ppm	<b>0</b>	0	---	---



### WEAR METALS

Iron	ppm	<b>▲ 105</b>	▲ 187	---	---
Copper	ppm	<b>4</b>	8	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>3</b>	3	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	<1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>101</b>	140	---	---
Magnesium	ppm	<b>6</b>	2	---	---
Zinc	ppm	<b>23</b>	23	---	---
Phosphorus	ppm	<b>212</b>	237	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>85</b>	60	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO1835  
**Unique No:** 10633314  
**Signed:** Doug Bogart  
**Report Date:** 08 Sep 2023



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## GRAPHS

