



# CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2279 - REAR AXLE



**Sample No:** VCP382216  
**Oil Type:** MOBIL MOBILFLUID 424  
**Job No:** TRANSPORT LEASING



## SAMPLE INFORMATION

Sample Number	<b>VCP382216</b>	VCP382519	VCP375099	VCP375428
Sample Date	<b>28 Aug 2023</b>	15 Feb 2023	30 Nov 2022	12 Aug 2022
Machine Hours	<b>19900</b>	19093	18128	17254
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>N/A</b>	Changed	Changed	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>51.3</b>	51.3	52.5	57.5
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## CONTAMINATION

Silicon	ppm	<b>18</b>	15	15	10
Sodium	ppm	<b>0</b>	0	1	2
Potassium	ppm	<b>1</b>	1	0	0



## WEAR METALS

Iron	ppm	<b>41</b>	35	57	15
Copper	ppm	<b>0</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	<1	1
Aluminum	ppm	<b>2</b>	2	1	3
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	3	5	19
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>3535</b>	3387	3507	2627
Magnesium	ppm	<b>27</b>	39	59	215
Zinc	ppm	<b>1433</b>	1348	1378	1240
Phosphorus	ppm	<b>1181</b>	1110	1085	981
Barium	ppm	<b>2</b>	0	0	0
Boron	ppm	<b>144</b>	116	128	97

## 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.

**Depot:** VOLVO1835  
**Unique No:** 10633285  
**Signed:** Wes Davis  
**Report Date:** 06 Sep 2023



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## VOLVO GRAPHS

