



CONSTRUCTION EQUIPMENT

37120 DENNSY VOLVO L220H 2578 - REAR AXLE



Sample No: VCP435018
Oil Type: VOLVO WB 102
Job No: 37120 DENNSY



SAMPLE INFORMATION

Sample Number	VCP435018	VCP247955	VCP214791	---
Sample Date	14 Aug 2023	29 May 2019	15 Dec 2017	---
Machine Hours	15580	5574	1876	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---

PENNSY SUPPLY
 200 BURKHOLDER DRIVE
 EPHRATA, PA
 US 17522
 Contact: TYLER MADENFORD



OIL CONDITION

Visc @ 40°C	cSt	42.3	40.3	41.3	---
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T: (717)859-2132
 F:



CONTAMINATION

Silicon	ppm	12	8	13	---
Sodium	ppm	5	8	2	---
Potassium	ppm	1	2	5	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	17	74	---
Copper	ppm	<1	1	1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	3	<1	<1	---
Chromium	ppm	<1	<1	3	---
Molybdenum	ppm	2	<1	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4175	4214	3994	---
Magnesium	ppm	48	15	8	---
Zinc	ppm	1756	1676	1634	---
Phosphorus	ppm	1378	1306	1287	---
Barium	ppm	0	0	0	---
Boron	ppm	133	120	113	---

Depot: PENEPH
Unique No: 10606369
Signed: Don Baldrige
Report Date: 17 Aug 2023



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GRAPHS

