



CONSTRUCTION EQUIPMENT

SPM593825 GENERAL RV VOLVO L20H 1220316 - FRONT AXLE



Sample No: VCP415263
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM593825 GENERAL RV



SAMPLE INFORMATION

Sample Number	VCP415263	VCP327325	---	---
Sample Date	11 Aug 2023	23 Dec 2021	---	---
Machine Hours	2430	506	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ATTENTION	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 49.9	▲ 62.8	---	---
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CONTAMINATION

Silicon	ppm	█ 13	█ 34	---	---
Sodium	ppm	█ 15	█ 19	---	---
Potassium	ppm	█ 3	█ 2	---	---



WEAR METALS

Iron	ppm	█ 478	█ 263	---	---
Copper	ppm	█ 3	█ 2	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 2	█ 5	---	---
Chromium	ppm	█ 6	█ 5	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	22	█ 16	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3503	▲ 3516	---	---
Magnesium	ppm	█ 8	█ 14	---	---
Zinc	ppm	█ 1429	▲ 1429	---	---
Phosphorus	ppm	█ 1187	█ 1147	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 123	█ 118	---	---

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: VOLVO8885
Unique No: 10616418
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

