



CONSTRUCTION EQUIPMENT

SPM593825 GENERAL RV VOLVO L20H 1220316 - REAR AXLE



Sample No: VCP415451
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM593825 GENERAL RV



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



SAMPLE INFORMATION

Sample Number	VCP415451	VCP327324	---	---
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	---	---



OIL CONDITION

Visc @ 40°C	cSt	51.2	▲ 63.0	---	---
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CONTAMINATION

Silicon	ppm	13	17	---	---
Sodium	ppm	15	19	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	351	162	---	---
Copper	ppm	4	3	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	5	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	19	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3604	▲ 3562	---	---
Magnesium	ppm	8	14	---	---
Zinc	ppm	1468	▲ 1458	---	---
Phosphorus	ppm	1208	1157	---	---
Barium	ppm	0	0	---	---
Boron	ppm	126	116	---	---

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: 10616405
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

