



CONSTRUCTION EQUIPMENT

SWA109498 VOLVO L350H 1101 - REAR AXLE



Sample No: VCP367676
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SWA109498



SAMPLE INFORMATION

Sample Number	VCP367676	VCP315412	---	---
Sample Date	10 Nov 2022	14 Jul 2021	---	---
Machine Hours	5562	3867	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	SEVERE	SEVERE	---	---

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 5000 INDUSTRIAL HWY
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 F:



OIL CONDITION

Visc @ 40°C	cSt	42.3	45.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	21	27	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	1755	2269	---	---
Copper	ppm	17	11	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	4	5	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	14	19	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3157	3334	---	---
Magnesium	ppm	13	12	---	---
Zinc	ppm	1264	1320	---	---
Phosphorus	ppm	1066	1179	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	88	105	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO8885
Unique No: 10217451
Signed: Don Baldrige
Report Date: 16 Nov 2022



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GRAPHS

