



CONSTRUCTION EQUIPMENT

SWA400767 WM VOLVO L180H 5591 - REAR AXLE



Sample No: VCP436036
Oil Type: VOLVO
Job No: SWA400767 WM



SAMPLE INFORMATION

Sample Number	VCP436036	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	3206	---	---	---
Oil Hours	1752	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY
 5210 REESE ROAD
 DAVIE, FL
 US 33314
 Contact: GERMAN BLANDON
 gblandon@flaglerce.com
 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 40°C	cSt	■ 40.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	● 2245	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	▲ 25	---	---	---
Molybdenum	ppm	11	---	---	---
Nickel	ppm	■ 8	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	25	---	---	---
Vanadium	ppm	1	---	---	---



ADDITIVES

Calcium	ppm	3511	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	1360	---	---	---
Phosphorus	ppm	1109	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	145	---	---	---

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. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VOLVO0095
Unique No: 10725325
Signed: Sean Felton
Report Date: 03 Nov 2023



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GRAPHS

