



CONSTRUCTION EQUIPMENT

A12526 VOLVO L70H 624758 - REAR AXLE



Sample No: VCP449561
Oil Type: MOBIL WB 102
Job No: A12526



SAMPLE INFORMATION

Sample Number	VCP449561	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	1055	---	---	---
Oil Hours	1055	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	█ 132	---	---	---
Copper	ppm	▲ 582	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	▲ 56	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3934	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1625	---	---	---
Phosphorus	ppm	1533	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	143	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or bushing 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: JAAPHI
Unique No: 11033073
Signed: Sean Felton
Report Date: 20 May 2024



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GRAPHS

