



CONSTRUCTION EQUIPMENT

X59666 VOLVO L45H 123227 - FRONT AXLE



Sample No: VCP437263
Oil Type: VOLVO WB 101
Job No: X59666



SAMPLE INFORMATION

Sample Number	VCP437263	VCP379284	---	---
Sample Date	05 Jun 2024	20 Jul 2022	---	---
Machine Hours	3179	1352	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	51.4	65.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	9	---	---
Sodium	ppm	1	12	---	---
Potassium	ppm	2	<1	---	---

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.



WEAR METALS

Iron	ppm	38	23	---	---
Copper	ppm	3	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	5	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3680	3678	---	---
Magnesium	ppm	15	13	---	---
Zinc	ppm	1395	1473	---	---
Phosphorus	ppm	1226	1125	---	---
Barium	ppm	0	0	---	---
Boron	ppm	82	144	---	---

Depot: SCOSAI
Unique No: 11072512
Signed: Wes Davis
Report Date: 12 Jun 2024



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GRAPHS

