



CONSTRUCTION EQUIPMENT

19708 STRATEGIC MAT VOLVO L90H 625283 - REAR AXLE



Sample No: VCP435270
Oil Type: VOLVO WB 102
Job No: 19708 STRATEGIC MAT



SAMPLE INFORMATION

Sample Number	VCP435270	VCP335844	---	---
Sample Date	26 Sep 2023	15 Sep 2021	---	---
Machine Hours	3029	1040	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 US 27834
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	43.2	40.2	---	---
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CONTAMINATION

Silicon	ppm	14	13	---	---
Sodium	ppm	0	8	---	---
Potassium	ppm	3	0	---	---

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	41	66	---	---
Copper	ppm	4	28	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4349	3719	---	---
Magnesium	ppm	25	10	---	---
Zinc	ppm	1758	1447	---	---
Phosphorus	ppm	1373	1192	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	142	172	---	---

Depot: VOLVO8769
Unique No: 10702478
Signed: Wes Davis
Report Date: 23 Oct 2023



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VOLVO GRAPHS

