



CONSTRUCTION EQUIPMENT

TITAN AMERICA VOLVO L90H 625035 - REAR AXLE



Sample No: VCP425816
Oil Type: VOLVO
Job No: TITAN AMERICA



SAMPLE INFORMATION

Sample Number	VCP425816	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	3481	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <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	█ 57	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3272	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1462	---	---	---
Phosphorus	ppm	1198	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	30	---	---	---

Depot: VOLVO0093
Unique No: 10606347
Signed: Don Baldrige
Report Date: 17 Aug 2023



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GRAPHS

