



CONSTRUCTION EQUIPMENT

714276 VOLVO L90 627190 - REAR AXLE



Sample No: VCP451330
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 714276



SAMPLE INFORMATION

Sample Number	VCP451330	---	---	---
Sample Date	01 May 2024	---	---	---
Machine Hours	575	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█41.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█24	---	---	---
Sodium	ppm	█<1	---	---	---
Potassium	ppm	█4	---	---	---

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	█53	---	---	---
Copper	ppm	█2	---	---	---
Lead	ppm	█1	---	---	---
Tin	ppm	█<1	---	---	---
Aluminum	ppm	█2	---	---	---
Chromium	ppm	█4	---	---	---
Molybdenum	ppm	█20	---	---	---
Nickel	ppm	█1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█5294	---	---	---
Magnesium	ppm	█17	---	---	---
Zinc	ppm	█2125	---	---	---
Phosphorus	ppm	█1724	---	---	---
Barium	ppm	█0	---	---	---
Boron	ppm	█190	---	---	---

Depot: VOLVO0096
Unique No: 11019015
Signed: Don Baldrige
Report Date: 10 May 2024



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VOLVO GRAPHS

