



CONSTRUCTION EQUIPMENT

687940 ATLAS ORG VOLVO L70 624147 - FRONT AXLE



Sample No: VCP455075
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 687940 ATLAS ORG



SAMPLE INFORMATION

Sample Number	VCP455075	---	---	---
Sample Date	13 Mar 2024	---	---	---
Machine Hours	5718	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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 US 32824
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OIL CONDITION

Visc @ 40°C	cSt	█ 47.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 181	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 2456	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1051	---	---	---
Phosphorus	ppm	█ 946	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 23	---	---	---

Depot: VOLVO0096
Unique No: 10938166
Signed: Don Baldrige
Report Date: 22 Mar 2024



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GRAPHS

