



CONSTRUCTION EQUIPMENT

687940 ATLAS ORG VOLVO L70 624147 - REAR AXLE



Sample No: VCP455042
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 687940 ATLAS ORG



SAMPLE INFORMATION

Sample Number	VCP455042	VCP441511	---	---
Sample Date	18 Mar 2024	13 Mar 2024	---	---
Machine Hours	5718	5718	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	43.2	50.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	18	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	3	---	---

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	39	178	---	---
Copper	ppm	8	25	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	2	3	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	1	3	---	---
Molybdenum	ppm	8	5	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	5	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3702	2736	---	---
Magnesium	ppm	69	19	---	---
Zinc	ppm	1498	1191	---	---
Phosphorus	ppm	1179	983	---	---
Barium	ppm	1	0	---	---
Boron	ppm	133	21	---	---

Depot: VOLVO0096
Unique No: 10941423
Signed: Wes Davis
Report Date: 26 Mar 2024



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VOLVO GRAPHS

