



CONSTRUCTION EQUIPMENT

ATLAS ORGANICS VOLVO L70H 624288 - FRONT AXLE



Sample No: VCP437544
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: ATLAS ORGANICS



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SAMPLE INFORMATION

Sample Number	VCP437544	VCP422678	VCP355079	---
Sample Date	21 Jun 2024	16 Aug 2023	20 Jun 2022	---
Machine Hours	3537	2287	925	---
Oil Hours	0	0	925	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	42.2	39.5	39.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	11	21	---
Sodium	ppm	4	12	10	---
Potassium	ppm	0	<1	3	---



WEAR METALS

Iron	ppm	41	64	72	---
Copper	ppm	<1	1	<1	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	1	3	3	---
Molybdenum	ppm	3	9	12	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	8	10	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	4051	4027	4445	---
Magnesium	ppm	18	3	13	---
Zinc	ppm	1572	1642	1825	---
Phosphorus	ppm	1257	1327	1492	---
Barium	ppm	0	0	0	---
Boron	ppm	123	135	155	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 11099830
Signed: Don Baldrige
Report Date: 28 Jun 2024



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GRAPHS

