



CONSTRUCTION EQUIPMENT

VOLVO L70H 623718 - FRONT AXLE



Sample No: VCP445614
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP445614	VCP328939	VCP309325	---
Sample Date	14 Mar 2024	28 Sep 2021	10 Mar 2021	---
Machine Hours	4276	1618	1012	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	41.4	42.2	40.2	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	15	12	11	---
Sodium	ppm	7	9	4	---
Potassium	ppm	2	<1	<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	53	16	35	---
Copper	ppm	1	<1	<1	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	2	1	0	---
Chromium	ppm	2	<1	2	---
Molybdenum	ppm	4	4	10	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	<1	6	---
Manganese	ppm	5	2	9	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	3957	4035	4141	---
Magnesium	ppm	19	20	11	---
Zinc	ppm	1628	1561	1644	---
Phosphorus	ppm	1247	1290	1391	---
Barium	ppm	0	0	0	---
Boron	ppm	128	141	139	---

Depot: VOLVO0090
Unique No: 10936883
Signed: Wes Davis
Report Date: 20 Mar 2024



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GRAPHS

