



CONSTRUCTION EQUIPMENT

VOLVO L180H 5717 - FRONT AXLE



Sample No: VCP455436
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP455436	VCP437726	VCP433543	---
Sample Date	09 Jul 2024	24 Feb 2024	13 Nov 2023	---
Machine Hours	3138	2234	1568	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	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	40.7	41.7	41.3	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	13	11	---
Sodium	ppm	5	4	4	---
Potassium	ppm	2	3	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	83	67	47	---
Copper	ppm	17	13	10	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	2	2	2	---
Molybdenum	ppm	2	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	4	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3685	3676	3645	---
Magnesium	ppm	10	13	10	---
Zinc	ppm	1425	1549	1539	---
Phosphorus	ppm	1261	1361	1343	---
Barium	ppm	0	0	0	---
Boron	ppm	106	118	128	---

Depot: VOLVO0090
Unique No: 11116077
Signed: Wes Davis
Report Date: 11 Jul 2024



CONSTRUCTION EQUIPMENT



GRAPHS

