



CONSTRUCTION EQUIPMENT

VOLVO L180H 1156 - FRONT AXLE



Sample No: VCP0007963

Oil Type: TRANSAXLE OIL SAE 75W80

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007963	VCP0002558	VCP362456	---
Sample Date	28 Nov 2023	26 Jul 2022	04 Apr 2022	---
Machine Hours	10299	4216	2852	---
Oil Hours	10299	4216	2852	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
shawn.northcraft@altg.com
T: (904)737-6000
F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	43.3	40.6	43.9	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	12	9	---
Sodium	ppm	<1	4	8	---
Potassium	ppm	<1	2	0	---



WEAR METALS

Iron	ppm	5	266	20	---
Copper	ppm	<1	41	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	0	6	<1	---
Molybdenum	ppm	0	4	2	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	2	---
Manganese	ppm	<1	9	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3887	3440	4038	---
Magnesium	ppm	18	9	32	---
Zinc	ppm	1604	1460	1549	---
Phosphorus	ppm	1242	1226	1278	---
Barium	ppm	0	0	0	---
Boron	ppm	118	118	120	---

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.

Depot: VOLVO0092
Unique No: 10766351
Signed: Don Baldrige
Report Date: 04 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

