



CONSTRUCTION EQUIPMENT

729259 MACK CONCRETE VOLVO L120H 632983 - FRONT AXLE



Sample No: VCP454571
Oil Type: VOLVO WB 102
Job No: 729259 MACK CONCRETE



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP454571	VCP422283	VCP421296	VCP399487
Sample Date	10 Jun 2024	18 May 2023	27 Mar 2023	11 Feb 2023
Machine Hours	10911	7018	6455	5940
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	42.4	41.8	41.7	42.2
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	15	19	14
Sodium	ppm	2	9	8	10
Potassium	ppm	0	0	1	0



WEAR METALS

Iron	ppm	133	251	296	230
Copper	ppm	2	2	2	2
Lead	ppm	0	<1	0	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	1	<1	2	1
Chromium	ppm	2	5	6	5
Molybdenum	ppm	4	4	4	4
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	8	8	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4041	3879	3980	3629
Magnesium	ppm	38	21	19	21
Zinc	ppm	1669	1639	1645	1424
Phosphorus	ppm	1309	1297	1359	1153
Barium	ppm	0	0	0	0
Boron	ppm	152	123	135	127

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: VOLVO0093
Unique No: 11076503
Signed: Wes Davis
Report Date: 14 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

