



CONSTRUCTION EQUIPMENT

BULK EXPRESS VOLVO L180H 5720 - FRONT AXLE



Sample No: VCP432357
Oil Type: VOLVO WB 102
Job No: BULK EXPRESS



SAMPLE INFORMATION

Sample Number	VCP432357	VCP434603	VCP434888	---
Sample Date	20 Dec 2023	07 Nov 2023	13 Sep 2023	---
Machine Hours	2139	1692	1126	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	41.4	41.3	41.1	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	14	12	---
Sodium	ppm	<1	3	3	---
Potassium	ppm	5	2	3	---

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	75	61	49	---
Copper	ppm	6	4	3	---
Lead	ppm	0	1	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	3	2	2	---
Molybdenum	ppm	6	4	4	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	4	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3737	3646	3899	---
Magnesium	ppm	11	12	13	---
Zinc	ppm	1576	1547	1603	---
Phosphorus	ppm	1341	1344	1325	---
Barium	ppm	10	0	0	---
Boron	ppm	128	127	150	---

Depot: VOLVO0096
Unique No: 10807697
Signed: Don Baldrige
Report Date: 29 Dec 2023

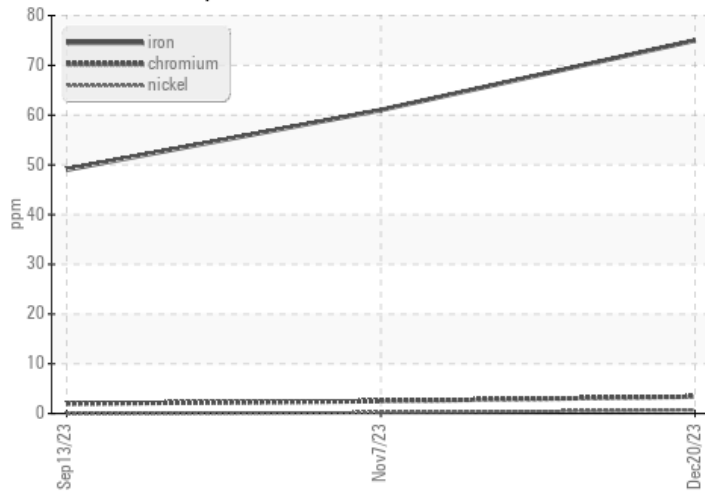


CONSTRUCTION EQUIPMENT

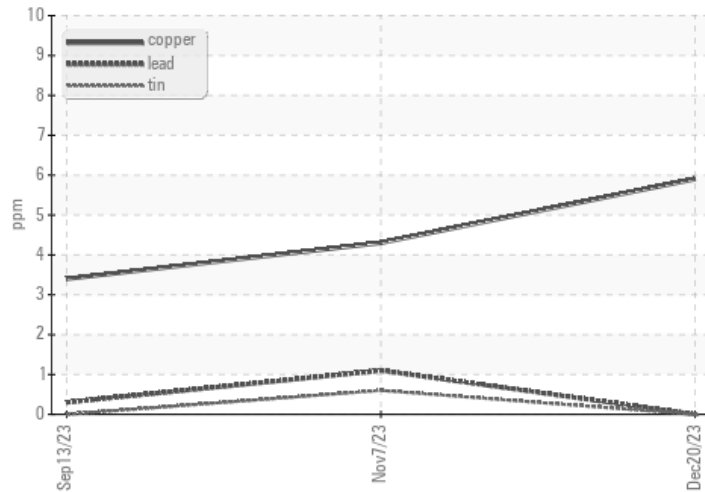


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

