



CONSTRUCTION EQUIPMENT

1754 I PULL U PULL VOLVO L90H 623027 - REAR AXLE



Sample No: VCP437824
Oil Type: VOLVO WB 102
Job No: 1754 I PULL U PULL



SAMPLE INFORMATION

Sample Number	VCP437824	VCP296767	VCP255804	---
Sample Date	12 Mar 2024	01 Apr 2021	11 Aug 2020	---
Machine Hours	12500	10653	9360	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826

Contact: RAY KRANZUSCH
 ray.kranzusch@vcesvolvo.com

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OIL CONDITION

Visc @ 40°C	cSt	42.5	40.5	40.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	34	11	14	---
Sodium	ppm	9	0	2	---
Potassium	ppm	3	1	0	---

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	96	64	37	---
Copper	ppm	21	7	4	---
Lead	ppm	<1	0	0	---
Tin	ppm	3	<1	<1	---
Aluminum	ppm	5	0	0	---
Chromium	ppm	1	<1	0	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	4129	4407	3868	---
Magnesium	ppm	16	15	9	---
Zinc	ppm	1627	1670	1596	---
Phosphorus	ppm	1183	1399	1280	---
Barium	ppm	0	0	0	---
Boron	ppm	129	148	174	---

Depot: VOLVO4485
Unique No: 10938218
Signed: Don Baldrige
Report Date: 22 Mar 2024

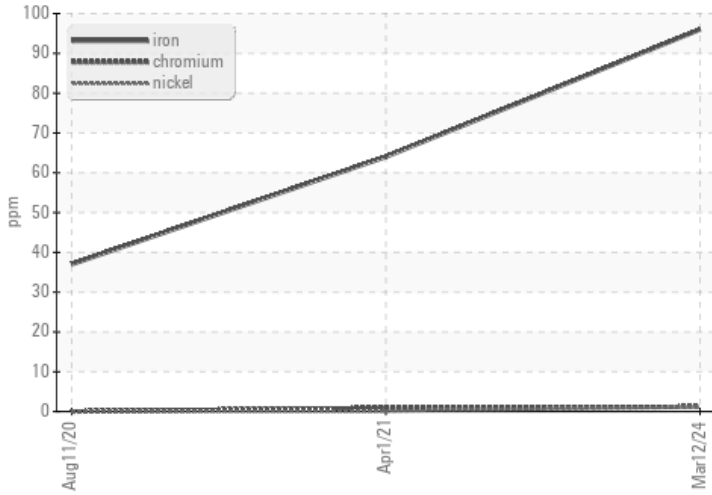


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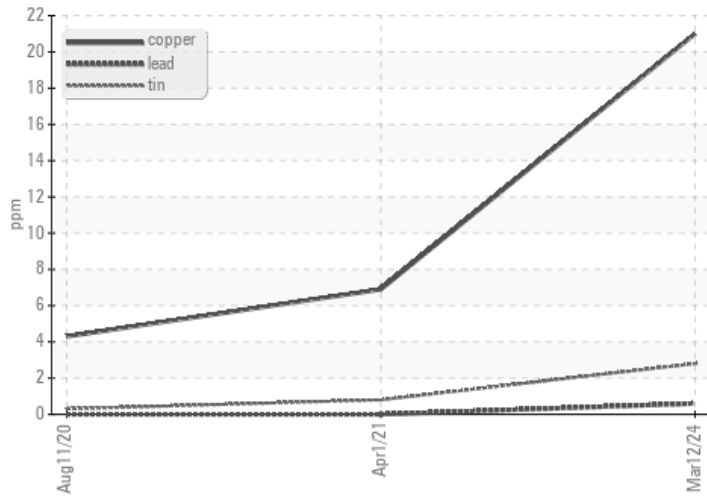


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

