



CONSTRUCTION EQUIPMENT

52214 IAA VOLVO L90H 623642 - FRONT AXLE



Sample No: VCP446594
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 52214 IAA



SAMPLE INFORMATION

Sample Number	VCP446594	VCP363845	VCP326128	VCP291751
Sample Date	03 Apr 2024	04 Jan 2023	29 Oct 2021	10 Nov 2020
Machine Hours	12482	10471	8405	6393
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

VCES- VOLVO CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	49.3	47.1	40.6	40.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	18	12	10
Sodium	ppm	3	4	2	2
Potassium	ppm	0	0	<1	<1

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	26	28	41	53
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	1	1	0
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	10	<1	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	2097	3592	3979	3920
Magnesium	ppm	135	15	12	11
Zinc	ppm	1102	1425	1504	1495
Phosphorus	ppm	896	1125	1311	1308
Barium	ppm	0	0	0	0
Boron	ppm	70	109	133	133

Depot: VOLVO4487
Unique No: 10967320
Signed: Don Baldrige
Report Date: 11 Apr 2024

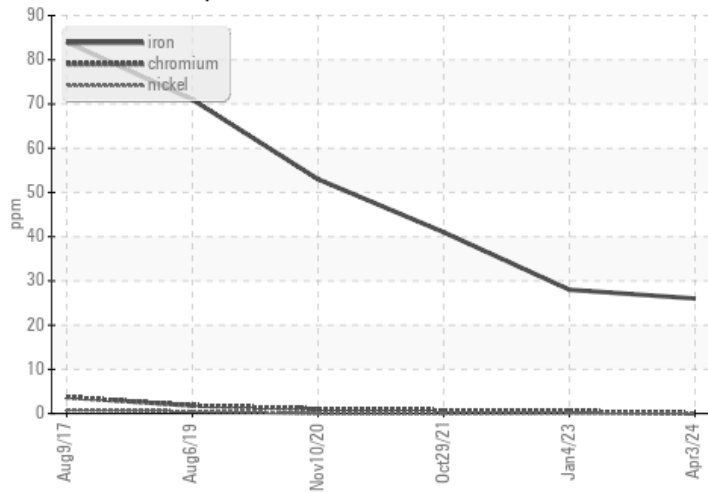


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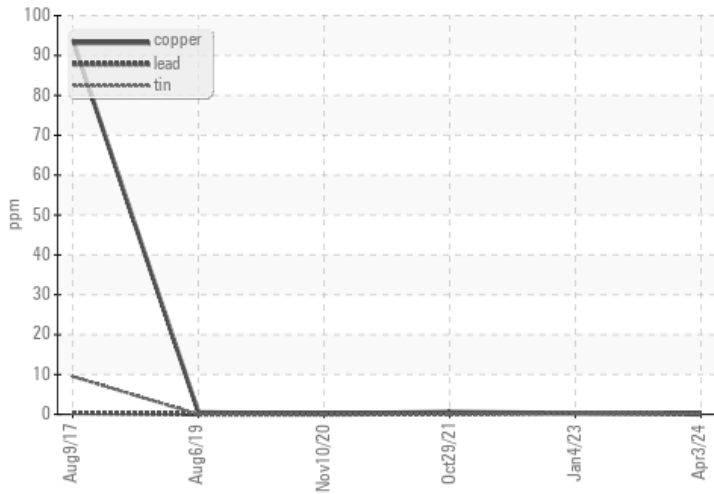


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

