



CONSTRUCTION EQUIPMENT

20956 VOLVO A45G 353454 - TRANSMISSION (AUTO)



Sample No: VCP307947

Oil Type: DEXRON III

Job No: 20956



SAMPLE INFORMATION

Sample Number	VCP307947	VCP368260	VCP416871	---
Sample Date	27 Feb 2024	01 Nov 2023	03 Aug 2023	---
Machine Hours	4249	3329	2143	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	29.7	27.8	27.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	7	17	---
Sodium	ppm	4	5	4	---
Potassium	ppm	3	1	4	---

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	60	43	63	---
Copper	ppm	44	31	45	---
Lead	ppm	0	0	<1	---
Tin	ppm	6	4	5	---
Aluminum	ppm	28	18	26	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	3	2	<1	---
Nickel	ppm	6	4	5	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	151	134	88	---
Magnesium	ppm	28	26	4	---
Zinc	ppm	48	35	11	---
Phosphorus	ppm	263	242	192	---
Barium	ppm	0	0	0	---
Boron	ppm	77	71	79	---

Depot: VOLVO8769
Unique No: 10935996
Signed: Jonathan Hester
Report Date: 21 Mar 2024

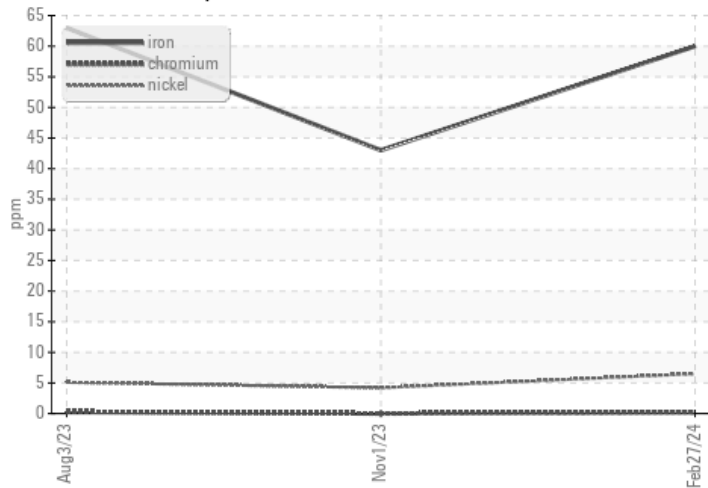


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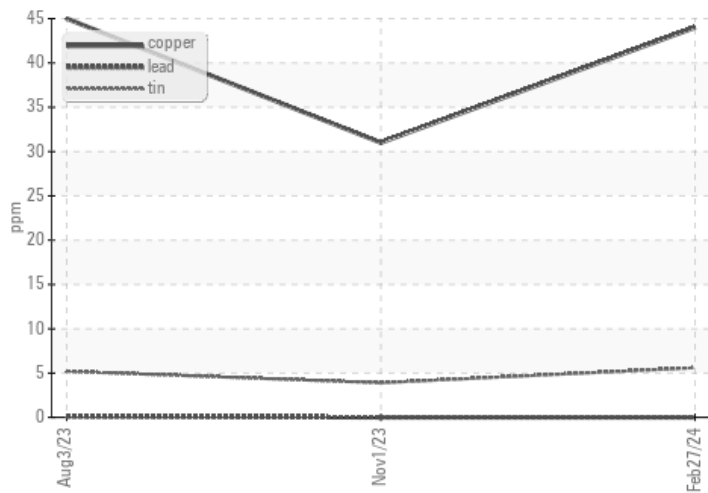


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

