



CONSTRUCTION EQUIPMENT

VOLVO A45G 352367 - A45G - BOGIE/CENTER AXLE



Sample No: VCP420172
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP420172	VCP348876	---	---
Sample Date	05 Jul 2023	24 Jan 2022	---	---
Machine Hours	4852	2161	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	137	138	---	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	5	3	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	3	<1	---	---



WEAR METALS

Iron	ppm	201	154	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	4	33	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	7	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	53	46	---	---
Magnesium	ppm	10	9	---	---
Zinc	ppm	37	19	---	---
Phosphorus	ppm	1075	1044	---	---
Barium	ppm	2	0	---	---
Boron	ppm	195	192	---	---

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: VOLVO0090
Unique No: 10551617
Signed: Angela Borella
Report Date: 13 Jul 2023

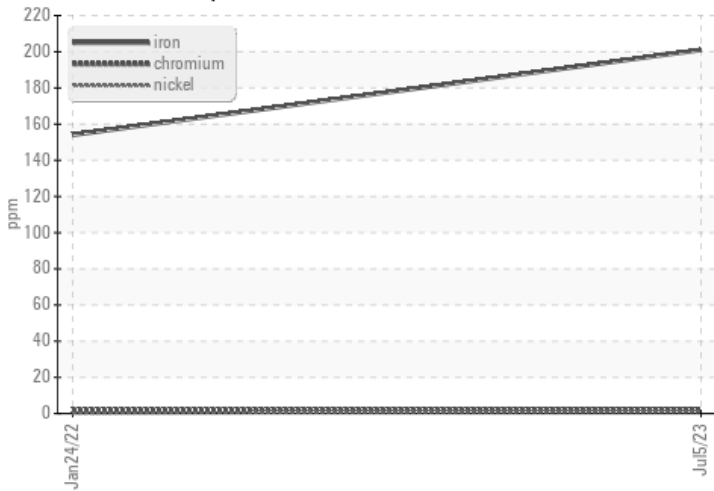


CONSTRUCTION EQUIPMENT

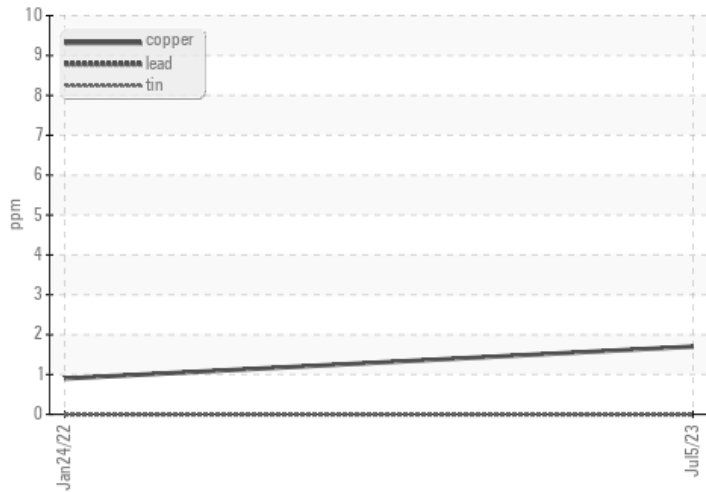


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

