



CONSTRUCTION EQUIPMENT

VOLVO A45G 352344 - DROP BOX



Sample No: VCP0008174
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP0008174	VCP350602	---	---
Sample Date	19 Jun 2024	04 Jan 2022	---	---
Machine Hours	0	2007	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
 shawn.northcraft@altg.com
 T: (904)737-6000
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	53.8	46.3	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	42	46	---	---
Sodium	ppm	6	10	---	---
Potassium	ppm	2	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	288	158	---	---
Copper	ppm	19	8	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	10	11	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	19	52	---	---
Magnesium	ppm	5	<1	---	---
Zinc	ppm	150	108	---	---
Phosphorus	ppm	1875	2099	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	96	137	---	---

Depot: VOLVO0092
Unique No: 11100861
Signed: Jonathan Hester
Report Date: 01 Jul 2024

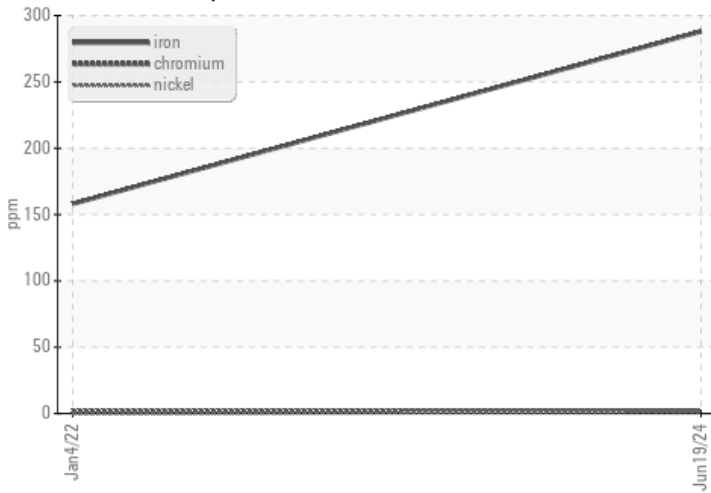


CONSTRUCTION EQUIPMENT

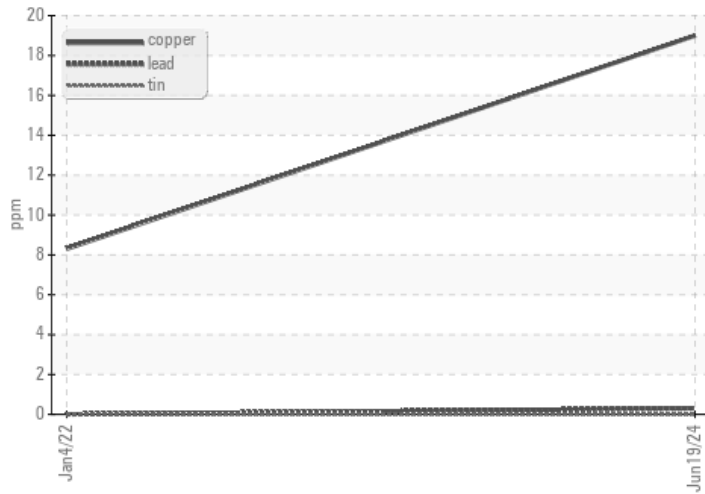


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

