



CONSTRUCTION EQUIPMENT

VOLVO A25G 752602 - DIESEL ENGINE



Sample No: VCP0008752
Oil Type: DIESEL ENGINE OIL SAE 40
Job No:



SAMPLE INFORMATION

Sample Number	VCP0008752	VCP0007914	---	---
Sample Date	09 Jun 2024	11 Dec 2023	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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 @ 100°C	cSt	12.6	10.89	---	---
Base Number (BN)	mg KOH/g	6.7	5.0	---	---
Oxidation (PA)	%	86	70	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.8	0.6	---	---
Nitration (PA)	%	94	93	---	---
Sulfation (PA)	%	67	65	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.0	---	---
Silicon	ppm	8	37	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	28	36	---	---
Copper	ppm	44	166	---	---
Lead	ppm	1	3	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	40	74	---	---
Nickel	ppm	7	2	---	---
Titanium	ppm	2	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	2058	2036	---	---
Magnesium	ppm	392	98	---	---
Zinc	ppm	1147	1140	---	---
Phosphorus	ppm	872	978	---	---
Barium	ppm	0	0	---	---
Boron	ppm	18	7	---	---

Depot: VOLVO0092
Unique No: 11074875
Signed: Angela Borella
Report Date: 13 Jun 2024

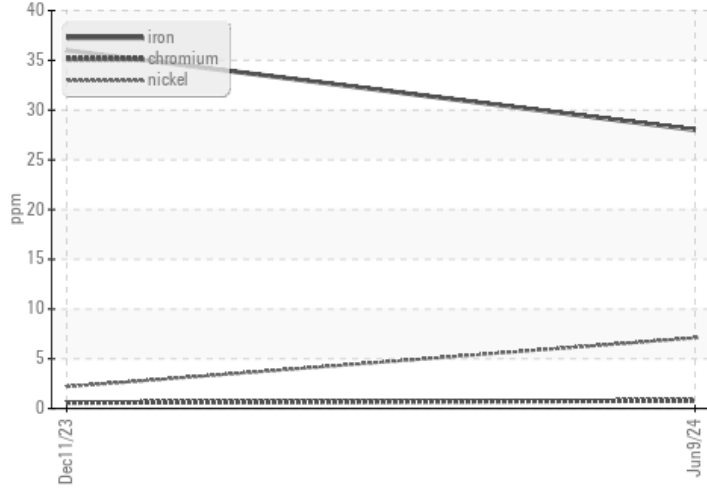


CONSTRUCTION EQUIPMENT

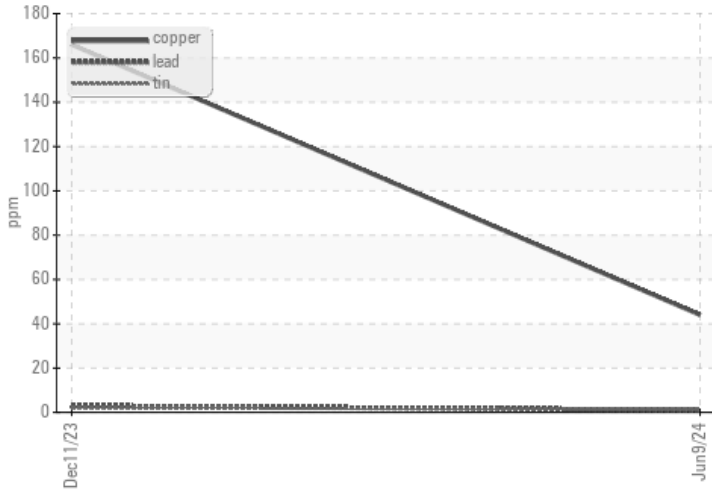


GRAPHS

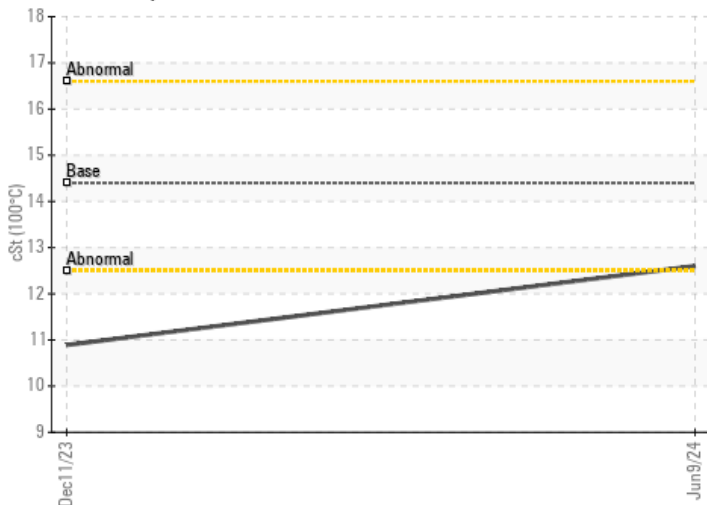
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

