



CONSTRUCTION EQUIPMENT

VOLVO A25G 752542 - DIESEL ENGINE



Sample No: VCP0008740
Oil Type: DIESEL ENGINE OIL SAE 40
Job No:



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



SAMPLE INFORMATION

Sample Number	VCP0008740	VCP0007547	---	---
Sample Date	21 Jun 2024	24 Apr 2023	---	---
Machine Hours	631	631	---	---
Oil Hours	631	631	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.7	16.0	---	---
Base Number (BN)	mg KOH/g	10.0	8.4	---	---
Oxidation (PA)	%	81	55	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.3	0.3	---	---
Nitration (PA)	%	57	51	---	---
Sulfation (PA)	%	61	60	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	4	50	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	6	262	---	---
Copper	ppm	2	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	8	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	38	26	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1641	1049	---	---
Magnesium	ppm	467	358	---	---
Zinc	ppm	1088	722	---	---
Phosphorus	ppm	912	974	---	---
Barium	ppm	0	0	---	---
Boron	ppm	40	48	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.
 Metal levels are typical for a new component breaking in. 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.

Depot: VOLVO0092
Unique No: 11110474
Signed: Wes Davis
Report Date: 03 Jul 2024

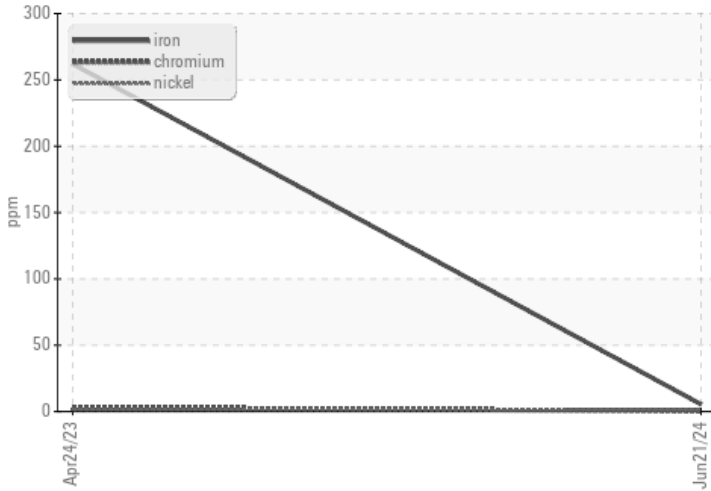


CONSTRUCTION EQUIPMENT

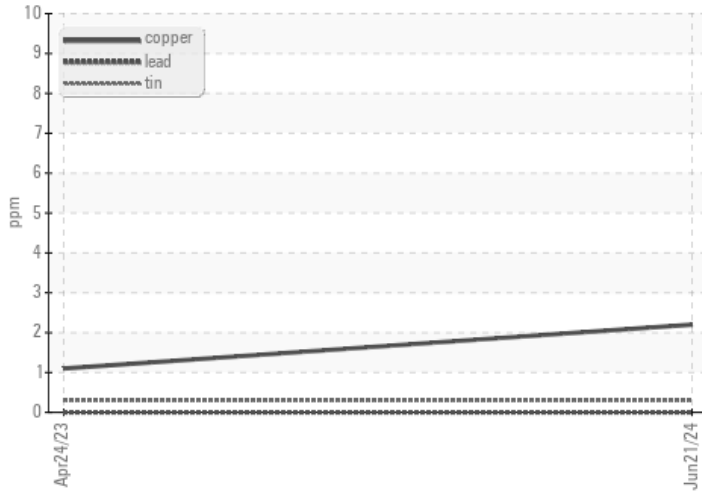


GRAPHS

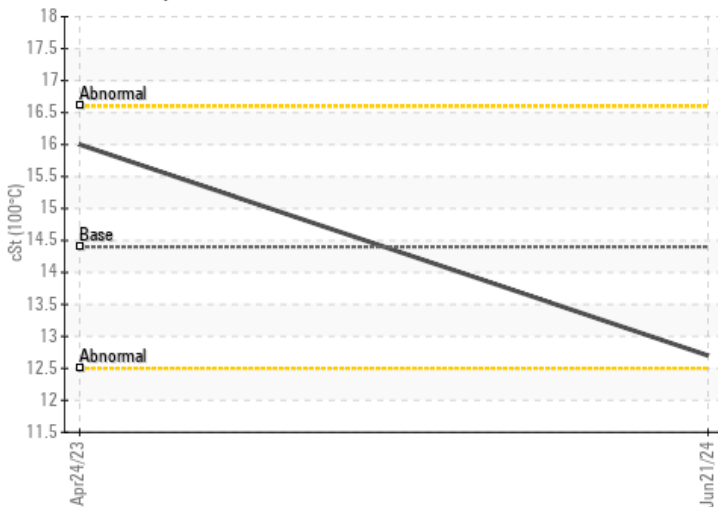
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

