



CONSTRUCTION EQUIPMENT

VOLVO A25G 742355 - DIESEL ENGINE



Sample No: VCP0008723

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008723	VCP0008089	VCP264607	---
Sample Date	16 Jul 2024	04 Oct 2023	07 Jan 2020	---
Machine Hours	0	0	424	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	Changed	---
Sample Status	NORMAL	MARGINAL	ABNORMAL	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 100°C	cSt	12.7	12.4	9.8	---
Base Number (BN)	mg KOH/g	10.1	8.7	---	---
Oxidation (PA)	%	73	66	56	---

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.

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	NEG	---
Soot %	%	0.1	0.2	0.2	---
Nitration (PA)	%	42	58	54	---
Sulfation (PA)	%	60	62	50	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	2.2	<1.0	---
Silicon	ppm	7	6	64	---
Sodium	ppm	2	2	3	---
Potassium	ppm	0	<1	4	---



WEAR METALS

Iron	ppm	2	4	17	---
Copper	ppm	1	<1	506	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	3	---
Aluminum	ppm	<1	10	2	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	47	122	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1699	1551	2144	---
Magnesium	ppm	487	686	6	---
Zinc	ppm	1038	923	1023	---
Phosphorus	ppm	908	733	916	---
Barium	ppm	0	0	<1	---
Boron	ppm	91	327	2	---

Depot: VOLVO0092
Unique No: 11130160
Signed: Wes Davis
Report Date: 20 Jul 2024

Submitted By: TECHNICIAN ACCOUNT

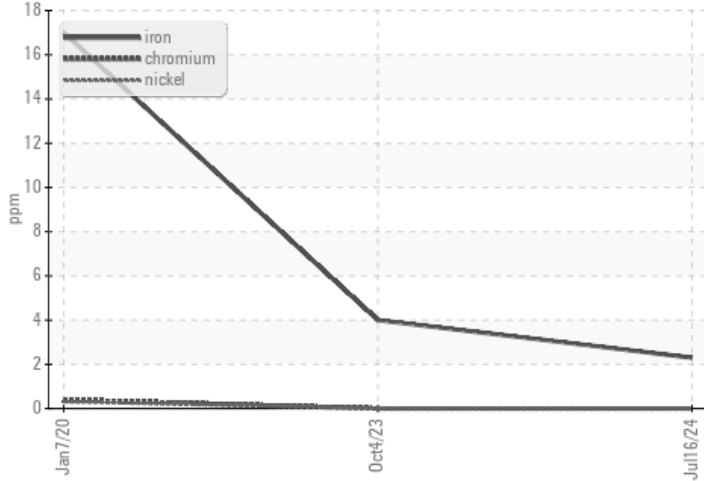


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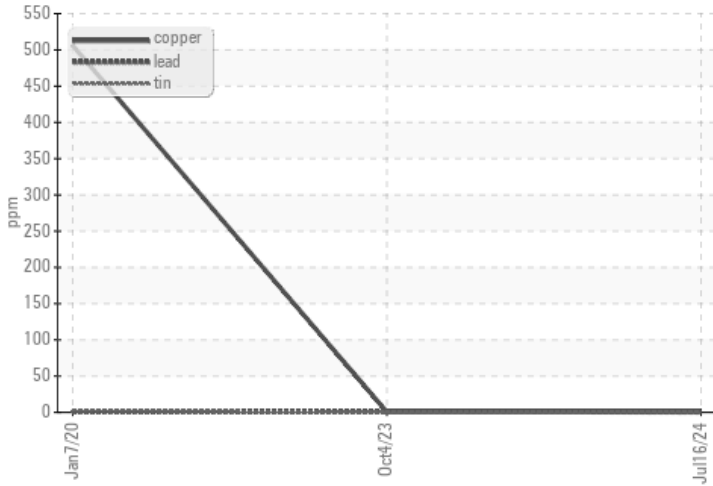


GRAPHS

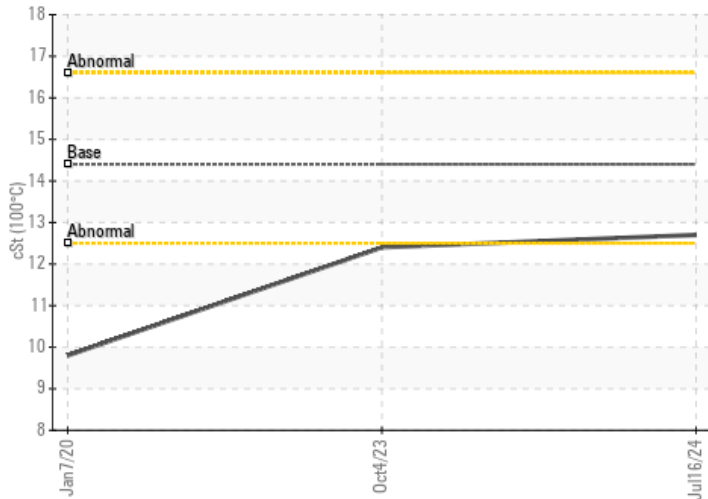
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

