



CONSTRUCTION EQUIPMENT

VOLVO A25F 342685 - DIESEL ENGINE



Sample No: VCP0008133

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008133	---	---	---
Sample Date	05 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 9.4	---	---	---
Oxidation (PA)	%	74	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.3	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 20	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1576	---	---	---
Magnesium	ppm	█ 471	---	---	---
Zinc	ppm	█ 1072	---	---	---
Phosphorus	ppm	█ 813	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 79	---	---	---



ALTA EQUIPMENT COMPANY

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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: 10821125
Signed: Wes Davis
Report Date: 11 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

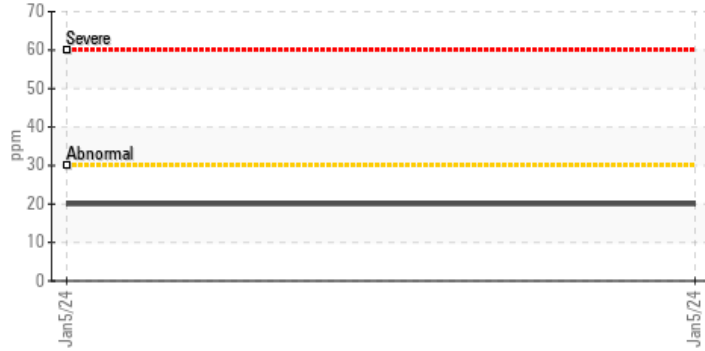
Iron (ppm)



Lead (ppm)



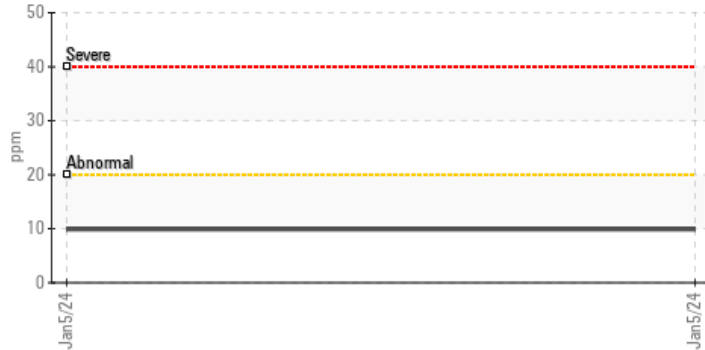
Aluminum (ppm)



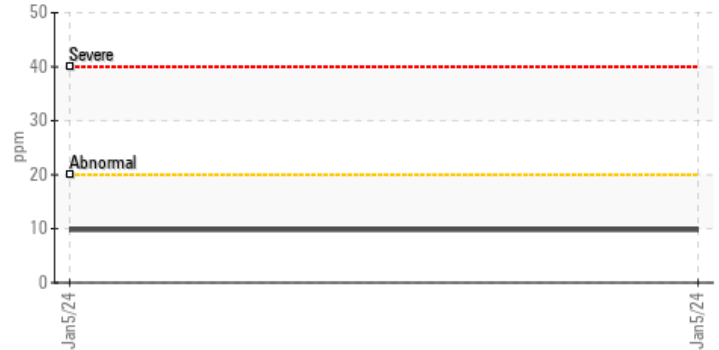
Chromium (ppm)



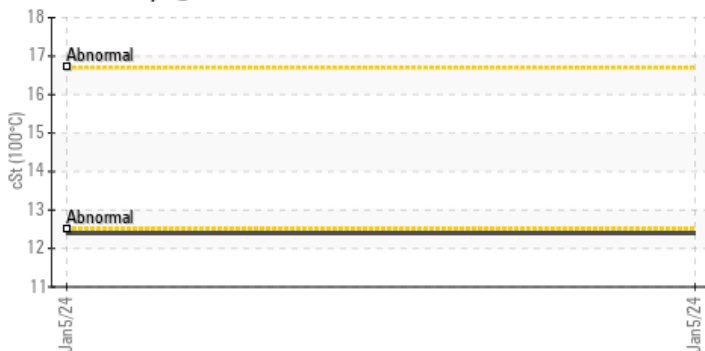
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

