



CONSTRUCTION EQUIPMENT

X37283 752502 - BRAKE



Sample No: VCP442785

Oil Type: VOLVO 424

Job No: X37283



SAMPLE INFORMATION

Sample Number	VCP442785	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



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OIL CONDITION

Visc @ 40°C	cSt	■ 44.3	---	---	---
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CONTAMINATION

Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 8	---	---	---
Copper	ppm	■ 196	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3554	---	---	---
Magnesium	ppm	25	---	---	---
Zinc	ppm	1524	---	---	---
Phosphorus	ppm	1332	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	114	---	---	---

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.

Depot: VOLVO6242
 Unique No: 10723059
 Signed: Don Baldrige
 Report Date: 01 Nov 2023

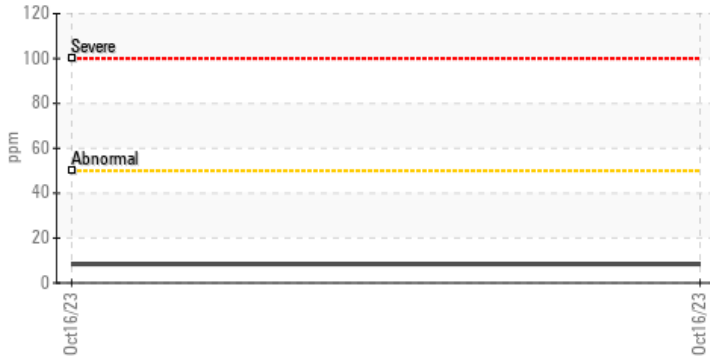


CONSTRUCTION EQUIPMENT



GRAPHS

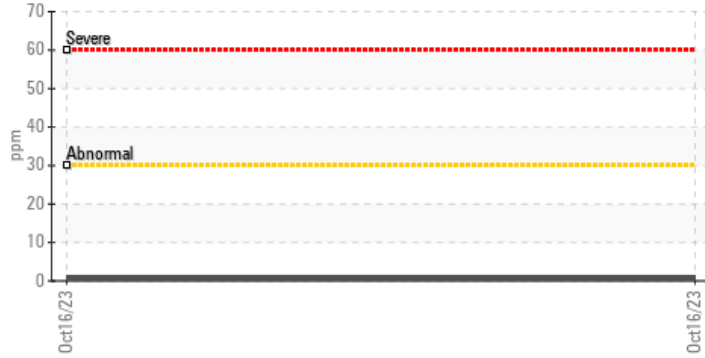
Iron (ppm)



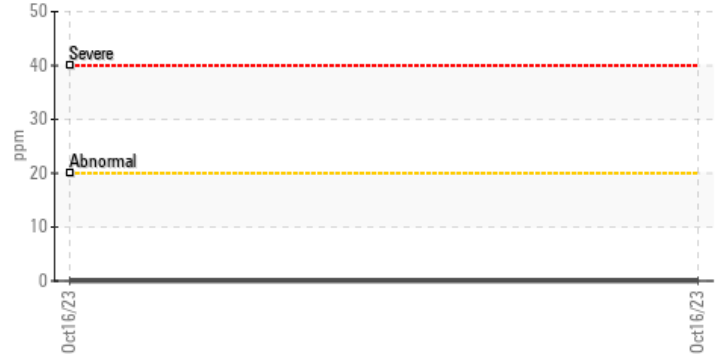
Lead (ppm)



Aluminum (ppm)



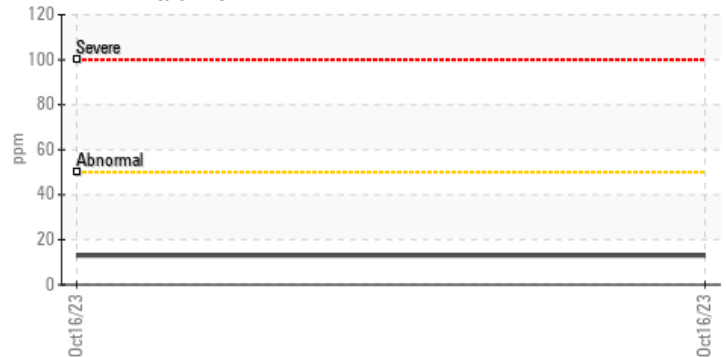
Chromium (ppm)



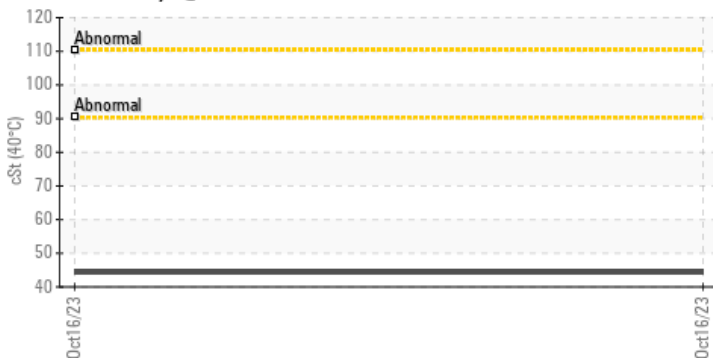
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

