



CONSTRUCTION EQUIPMENT

588 VOLVO A45GFS 353608 - TANK GEARBOX



Sample No: VCP337650
Oil Type: MOBIL WB 102
Job No: 588



SAMPLE INFORMATION

Sample Number	VCP337650	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1080	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X
 F: X



OIL CONDITION

Visc @ 40°C	cSt	█ 41.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 42	---	---	---
Copper	ppm	█ 103	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3717	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1567	---	---	---
Phosphorus	ppm	1374	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	120	---	---	---

Depot: VOLVO4488
Unique No: 10782313
Signed: Don Baldrige
Report Date: 15 Dec 2023



CONSTRUCTION EQUIPMENT

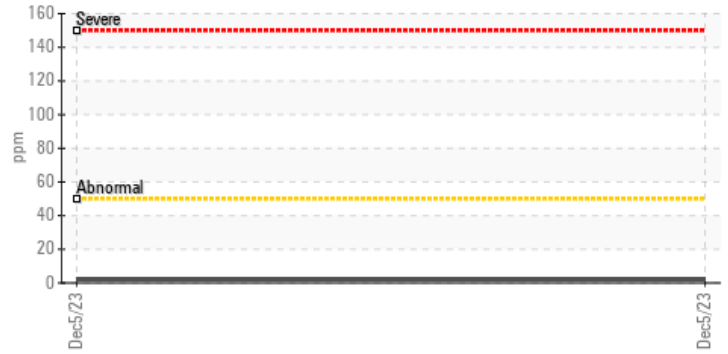


GRAPHS

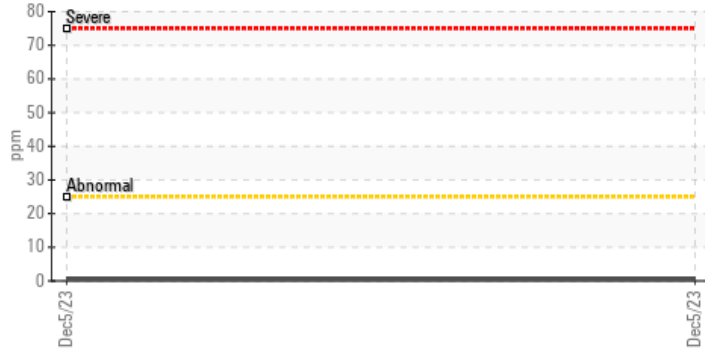
Iron (ppm)



Lead (ppm)



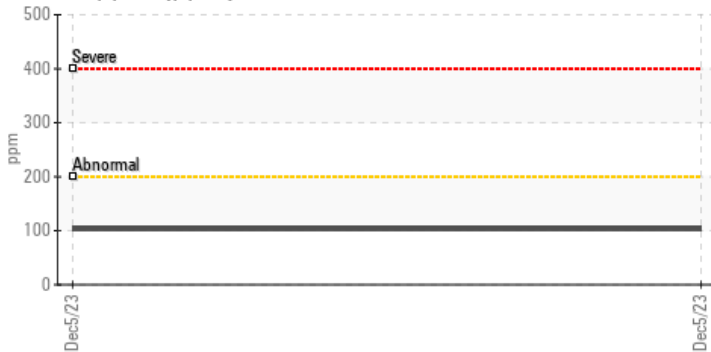
Aluminum (ppm)



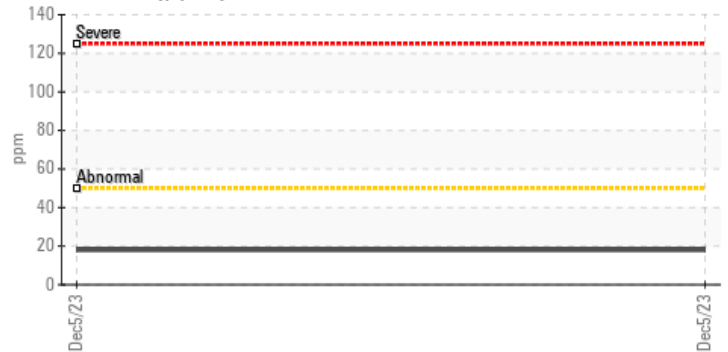
Chromium (ppm)



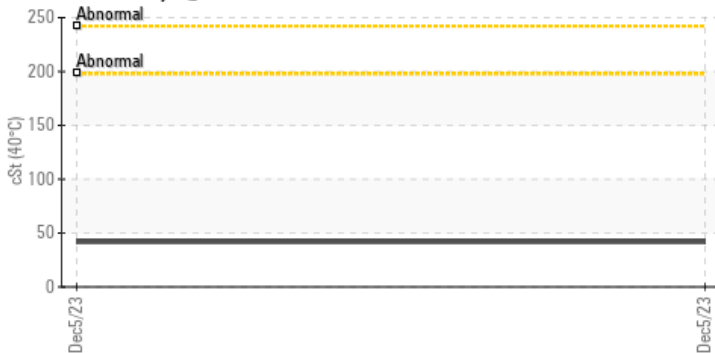
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

