



CONSTRUCTION EQUIPMENT

S1595 711 MATERIALS VOLVO A45G 353372 - DROP BOX



Sample No: VCP417088
Oil Type: MOBIL 75W90
Job No: S1595 711 MATERIALS



SAMPLE INFORMATION

Sample Number	VCP417088	---	---	---
Sample Date	17 Jan 2024	---	---	---
Machine Hours	1493	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
8594 FRUITRIDGE ROAD
SACRAMENTO, CA
US 95826
Contact: RAY KRANZUSCH
ray.kranzusch@vcesvolvo.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 48.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 47	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 7	---	---	---

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.



WEAR METALS

Iron	ppm	█ 242	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 39	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 122	---	---	---
Phosphorus	ppm	█ 2183	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 153	---	---	---

Depot: VOLVO4485
Unique No: 10845891
Signed: Sean Felton
Report Date: 26 Jan 2024



CONSTRUCTION EQUIPMENT

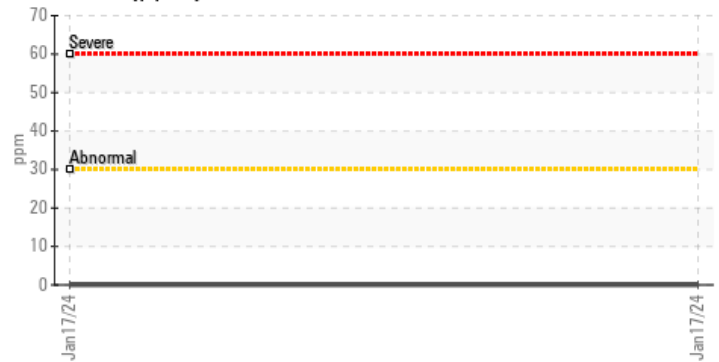


GRAPHS

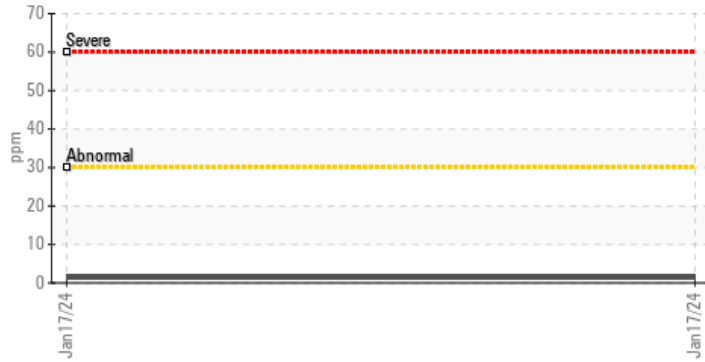
Iron (ppm)



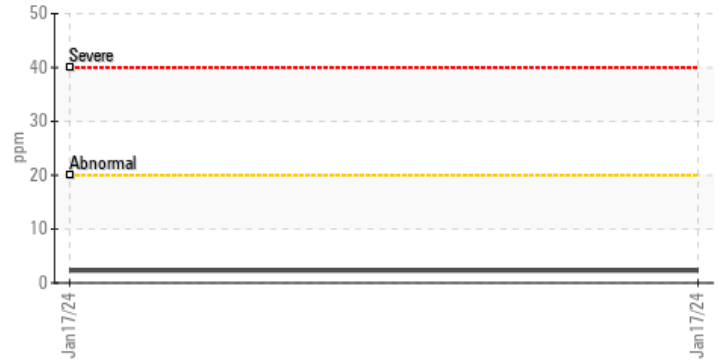
Lead (ppm)



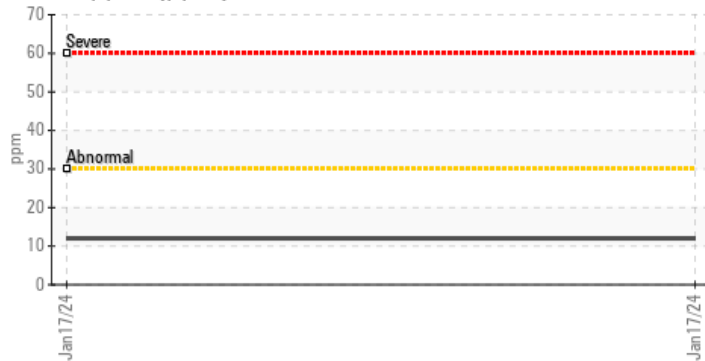
Aluminum (ppm)



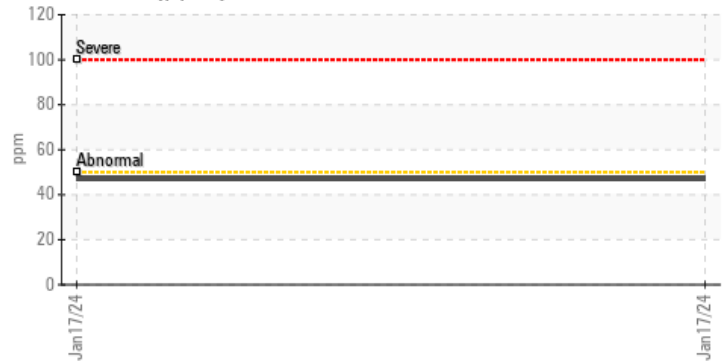
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

