



CONSTRUCTION EQUIPMENT

S1506 711 MATERIALS VOLVO A45G 352955 - DROP BOX



Sample No: VCP429808
Oil Type: MOBIL 75W90
Job No: S1506 711 MATERIALS



SAMPLE INFORMATION

Sample Number	VCP429808	VCP409333	---	---
Sample Date	17 Jan 2024	01 May 2023	---	---
Machine Hours	3084	2039	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826

Contact: RAY KRANZUSCH
 ray.kranzusch@vcesvolvo.com

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 F:



OIL CONDITION

Visc @ 40°C	cSt	90.1	▲ 47.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	18	▲ 86	---	---
Sodium	ppm	0	8	---	---
Potassium	ppm	1	4	---	---



WEAR METALS

Iron	ppm	201	269	---	---
Copper	ppm	6	11	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	4	5	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	14	77	---	---
Magnesium	ppm	1	5	---	---
Zinc	ppm	39	138	---	---
Phosphorus	ppm	1520	2115	---	---
Barium	ppm	0	0	---	---
Boron	ppm	251	145	---	---

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: VOLVO4485
Unique No: 10845890
Signed: Wes Davis
Report Date: 24 Jan 2024

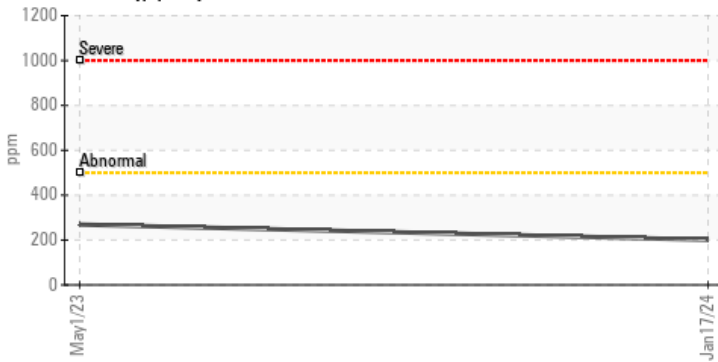


CONSTRUCTION EQUIPMENT

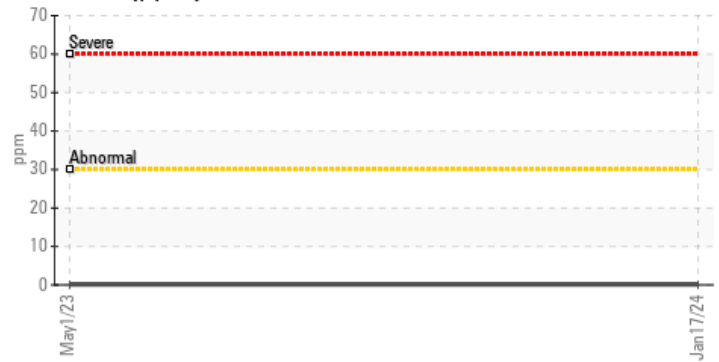


GRAPHS

Iron (ppm)



Lead (ppm)



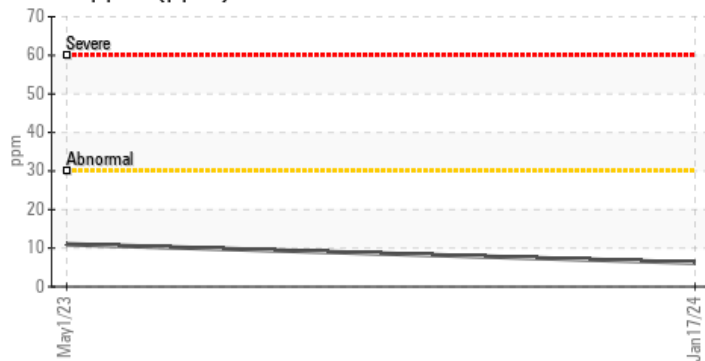
Aluminum (ppm)



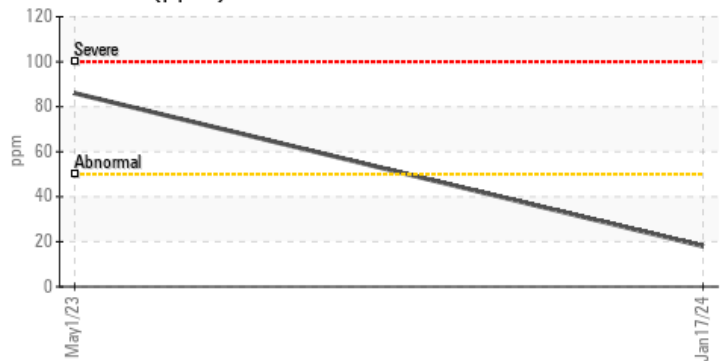
Chromium (ppm)



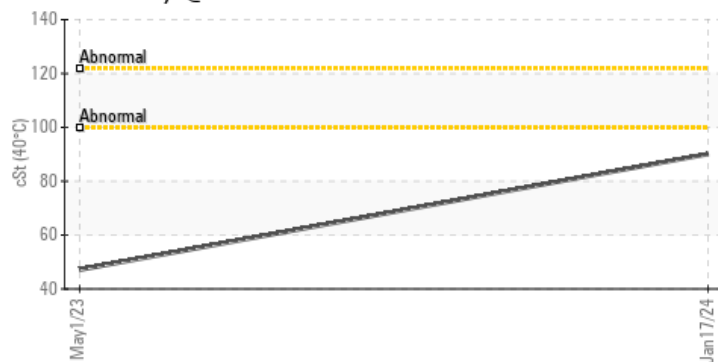
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

