



CONSTRUCTION EQUIPMENT

68232 VOLVO L150H 6491 - HYDRAULIC SYSTEM



Sample No: VCP310523
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 68232



SAMPLE INFORMATION

Sample Number	VCP310523	---	---	---
Sample Date	26 Apr 2021	---	---	---
Machine Hours	1855	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	▲ 57.03	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.271	---	---	---



CONTAMINATION

Particles >4µm		3763	---	---	---
Particles >6µm		■ 614	---	---	---
Particles >14µm		■ 57	---	---	---
ISO 4406:1999 (c)		19/16/13	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 amount and size of particulates present in the system are acceptable. The oil viscosity is higher than normal. The AN level is acceptable for this fluid.



WEAR METALS

Iron	ppm	■ 1	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 151	---	---	---
Magnesium	ppm	■ 25	---	---	---
Zinc	ppm	■ 285	---	---	---
Phosphorus	ppm	■ 237	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 3	---	---	---

Depot: VOLVO0090
Unique No: 9478873
Signed: Jonathan Hester
Report Date: 30 Apr 2021



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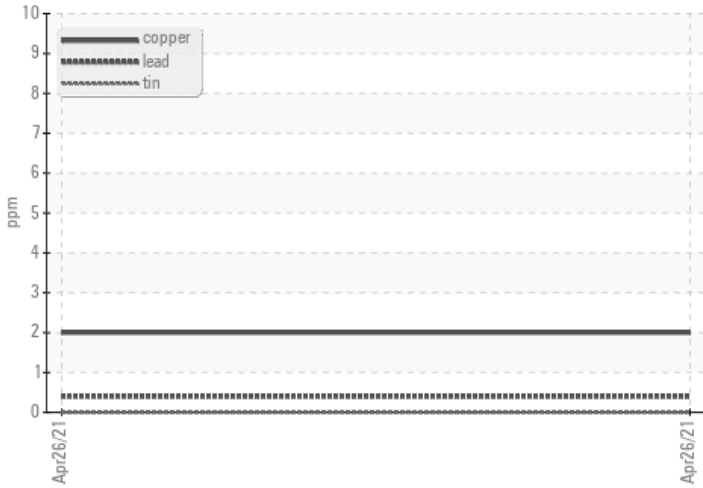


GRAPHS

Ferrous Alloys



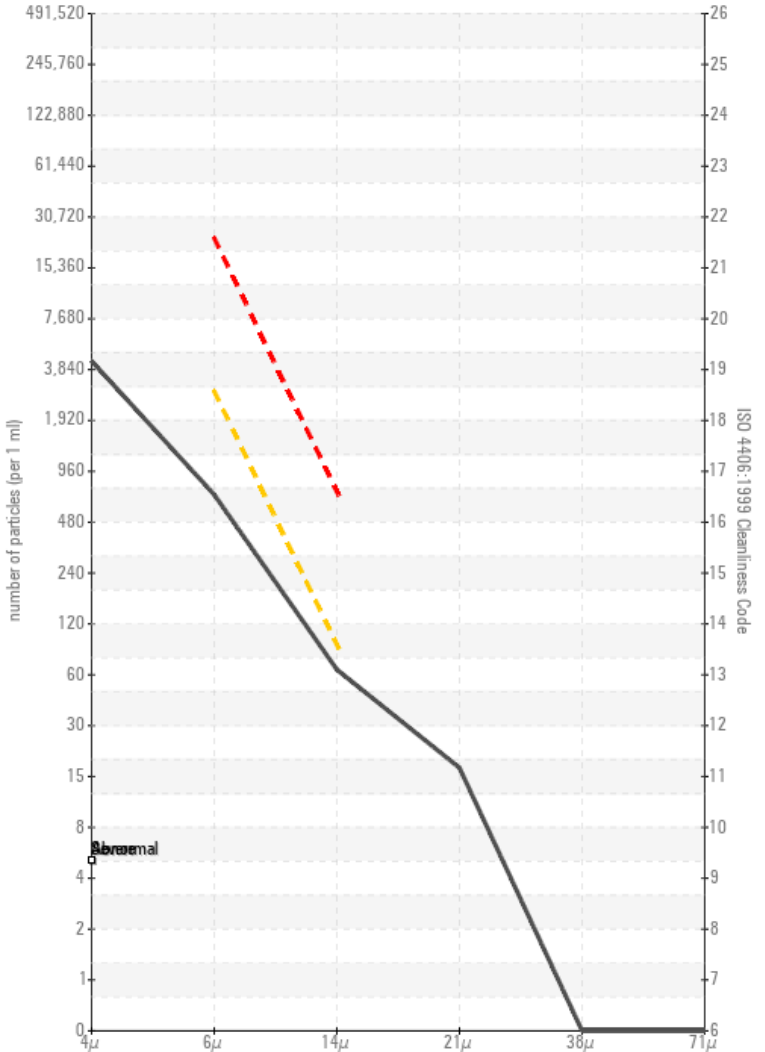
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

