



CONSTRUCTION EQUIPMENT

594437 CADILLAC ASPH VOLVO L25H 1420326 - HYDRAULIC SYSTEM



Sample No: VCP435345
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 594437 CADILLAC ASPH



SAMPLE INFORMATION

Sample Number	VCP435345	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	2010	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL CONZ
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T: (313)348-8861
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.40	---	---	---



CONTAMINATION

Particles >4µm		7672	---	---	---
Particles >6µm		█ 2030	---	---	---
Particles >14µm		▲ 93	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 71	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 434	---	---	---
Phosphorus	ppm	█ 328	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO2990
Unique No: 10632704
Signed: Wes Davis
Report Date: 06 Sep 2023



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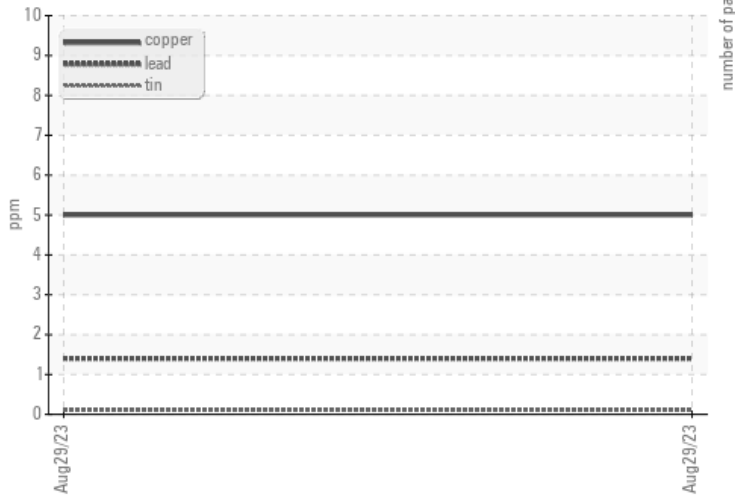


GRAPHS

Ferrous Alloys



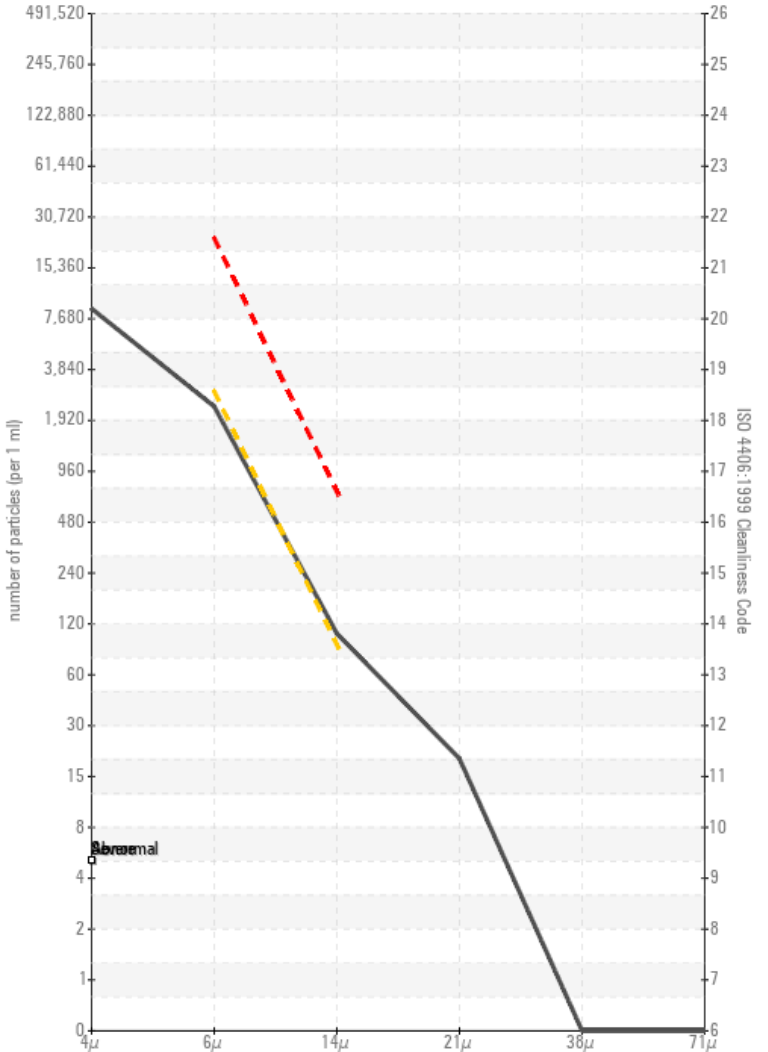
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

