



CONSTRUCTION EQUIPMENT

10736 VOLVO A40G 353156 - HYDRAULIC SYSTEM



Sample No: VCP416448
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 10736



SAMPLE INFORMATION

Sample Number	VCP416448	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	803	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
 jim.fehr@hoffmanequip.com
 T: (610)363-9200
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OIL CONDITION

Visc @ 40°C	cSt	█ 43.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.36	---	---	---

CONTAMINATION

Particles >4µm		7472	---	---	---
Particles >6µm		█ 2253	---	---	---
Particles >14µm		▲ 214	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

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

ADDITIVES

Calcium	ppm	█ 57	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 438	---	---	---
Phosphorus	ppm	█ 340	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8879
Unique No: 10562573
Signed: Wes Davis
Report Date: 19 Jul 2023



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VOLVO GRAPHS

