



CONSTRUCTION EQUIPMENT

371606 VOLVO A40G 342484 - HYDRAULIC SYSTEM



Sample No: VCP347033
Oil Type: AW HYDRAULIC OIL ISO 32
Job No: 371606



SAMPLE INFORMATION

Sample Number	VCP347033	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	9448	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	■ 35.4	---	---	---
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CONTAMINATION

Particles >4µm		■ 1476	---	---	---
Particles >6µm		■ 427	---	---	---
Particles >14µm		■ 48	---	---	---
ISO 4406:1999 (c)		■ 18/16/13	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 12	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 180	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 468	---	---	---
Phosphorus	ppm	■ 388	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

Depot: VOLVO3908
Unique No: 5620444
Signed: Wes Davis
Report Date: 14 Aug 2023



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VOLVO GRAPHS

