



CONSTRUCTION EQUIPMENT

VOLVO A45G 352205 - HYDRAULIC SYSTEM



Sample No: VCP0008489

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008489	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	3971	---	---	---
Oil Hours	3971	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 2321	---	---	---
Particles >6µm		█ 580	---	---	---
Particles >14µm		█ 43	---	---	---
ISO 4406:1999 (c)		18/16/13	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	60	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	410	---	---	---
Phosphorus	ppm	326	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0092
Unique No: 11110846
Signed: Wes Davis
Report Date: 05 Jul 2024



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VOLVO GRAPHS

