



CONSTRUCTION EQUIPMENT

SESI KOMATSU 360 A3367 - REAR LEFT FINAL DRIVE



Sample No: VCP395683

Oil Type: NOT GIVEN

Job No: SESI



SAMPLE INFORMATION

Sample Number	VCP395683	---	---	---
Sample Date	16 Dec 2022	---	---	---
Machine Hours	5677	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 3779 RYDER BLVD
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 US 30519
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 dana.vaccaro@ascendummachinery.com
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OIL CONDITION

Visc @ 40°C	cSt	■ 98.5	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 91	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 7	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend an early resample to monitor this condition. Gear wear is indicated. Moderate concentration of visible metal present. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 695	---	---	---
Copper	ppm	▲ 51	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 23	---	---	---
Chromium	ppm	▲ 14	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3724	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	842	---	---	---
Phosphorus	ppm	673	---	---	---
Barium	ppm	53	---	---	---
Boron	ppm	11	---	---	---

Depot: VOLVO8529
Unique No: 10272381
Signed: Doug Bogart
Report Date: 30 Dec 2022



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GRAPHS

