



CONSTRUCTION EQUIPMENT

W07013770 STANLEY VOLVO A45G 352347 - DROP BOX



Sample No: VCP351045
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W07013770 STANLEY



SAMPLE INFORMATION

Sample Number	VCP351045	VCP407655	---	---
Sample Date	07 Dec 2023	09 Aug 2023	---	---
Machine Hours	4089	3526	---	---
Oil Hours	0	500	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	▲ 61.2	158	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 6	■ 13	---	---
Sodium	ppm	■ 2	■ 2	---	---
Potassium	ppm	■ 0	■ <1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 126	■ 169	---	---
Copper	ppm	■ 4	■ 4	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ <1	■ <1	---	---
Chromium	ppm	■ 2	■ 2	---	---
Molybdenum	ppm	■ 5	■ 6	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 1	■ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	▲ 21	■ 52	---	---
Magnesium	ppm	■ 2	■ 1	---	---
Zinc	ppm	▲ 24	■ 43	---	---
Phosphorus	ppm	▲ 2175	■ 1330	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 208	■ 168	---	---

Depot: VOLVO8882
Unique No: 10782309
Signed: Jonathan Hester
Report Date: 15 Dec 2023



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GRAPHS

