



CONSTRUCTION EQUIPMENT

D44353 US SILICA VOLVO L350H 1146 - TRANSMISSION (MANUAL)



Sample No: VCP407297
Oil Type: TDTO FLUID SAE 30
Job No: D44353 US SILICA



ARING EQUIPMENT COMPANY INC - EAU CLAIRE
 PO BOX 478
 EAU CLAIRE, WI
 US 54702
 Contact: BRYAN KIRCHNER
 bkirchner@aring.com
 T: (715)835-6133
 F: (715)835-1230



SAMPLE INFORMATION

Sample Number	VCP407297	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	9608	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 89.1	---	---	---
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CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 13	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2747	---	---	---
Magnesium	ppm	■ 32	---	---	---
Zinc	ppm	■ 1186	---	---	---
Phosphorus	ppm	■ 954	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 9	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0071
Unique No: 10575877
Signed: Don Baldrige
Report Date: 30 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

