



CONSTRUCTION EQUIPMENT

VOLVO A30G 742385 - REAR RIGHT FINAL DRIVE



Sample No: VCP445489
Oil Type: GEAR OIL LS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP445489	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	5731	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207
 Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	█ 191	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 125	---	---	---
Copper	ppm	█ 20	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	457	---	---	---
Magnesium	ppm	█ 29	---	---	---
Zinc	ppm	223	---	---	---
Phosphorus	ppm	█ 1073	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 156	---	---	---

Depot: SAIBIR
Unique No: 10991795
Signed: Don Baldrige
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

