



CONSTRUCTION EQUIPMENT

VOLVO A30G 742101 - REAR AXLE



Sample No: VCP433960
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP433960	VCP398590	VCP398585	---
Sample Date	29 Sep 2023	10 Dec 2022	09 Dec 2022	---
Machine Hours	5980	3682	3682	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

ALTA EQUIPMENT
 5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JOSH GAVIN

OIL CONDITION

Visc @ 40°C	cSt	55.8	57.3	59.1	---
-------------	-----	-------------	------	------	-----

T: (585)344-1931
 F: (315)437-8558

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	36	13	---
Sodium	ppm	0	3	2	---
Potassium	ppm	4	0	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	284	1224	965	---
Copper	ppm	9	85	40	---
Lead	ppm	0	2	<1	---
Tin	ppm	0	4	2	---
Aluminum	ppm	<1	4	3	---
Chromium	ppm	4	12	15	---
Molybdenum	ppm	<1	10	11	---
Nickel	ppm	3	7	7	---
Titanium	ppm	0	29	3	---
Silver	ppm	<1	0	0	---
Manganese	ppm	6	24	22	---
Vanadium	ppm	<1	<1	<1	---

ADDITIVES

Calcium	ppm	46	74	64	---
Magnesium	ppm	6	3	2	---
Zinc	ppm	16	53	41	---
Phosphorus	ppm	478	1430	1481	---
Barium	ppm	0	5	0	---
Boron	ppm	27	144	171	---

Depot: VOLVO0142
Unique No: 10682514
Signed: Don Baldrige
Report Date: 09 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

