



CONSTRUCTION EQUIPMENT

9570 VOLVO A30G 742606 - FRONT AXLE



Sample No: VCP423097
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 9570



SAMPLE INFORMATION

Sample Number	VCP423097	VCP294845	---	---
Sample Date	14 Sep 2023	19 Nov 2020	---	---
Machine Hours	4157	868	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

PLEASANT EXCAVATING COMPANY INC
 24024 FREDERICK ROAD
 CLARKSBURG, MD
 US 20871
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 T: (301)252-5635
 F:



OIL CONDITION

Visc @ 40°C	cSt	45.7	56.7	---	---
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CONTAMINATION

Silicon	ppm	4	1	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	3	4	---	---



WEAR METALS

Iron	ppm	218	173	---	---
Copper	ppm	20	20	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	2	6	---	---
Nickel	ppm	2	3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	6	13	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1328	749	---	---
Magnesium	ppm	5	2	---	---
Zinc	ppm	599	326	---	---
Phosphorus	ppm	1802	1403	---	---
Barium	ppm	0	1	---	---
Boron	ppm	235	179	---	---

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.

Depot: PLECLA
Unique No: 10657929
Signed: Wes Davis
Report Date: 21 Sep 2023



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GRAPHS

