



CONSTRUCTION EQUIPMENT

SUPERIOR VOLVO A25G 740348 - FRONT AXLE



Sample No: VCP440046
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SUPERIOR



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP440046	VCP0007709	VCP336955	---
Sample Date	08 Feb 2024	05 May 2023	09 Nov 2021	---
Machine Hours	11358	0	8776	---
Oil Hours	0	0	1500	---
Oil Changed	N/A	N/A	Changed	---
Sample Status	ATTENTION	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	268	271	286	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	9	16	---
Sodium	ppm	2	0	2	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	147	135	187	---
Copper	ppm	10	9	20	---
Lead	ppm	1	0	0	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	<1	0	2	---
Chromium	ppm	<1	2	2	---
Molybdenum	ppm	1	2	4	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	141	65	67	---
Magnesium	ppm	5	12	20	---
Zinc	ppm	105	71	52	---
Phosphorus	ppm	992	968	967	---
Barium	ppm	0	0	0	---
Boron	ppm	158	153	153	---

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 oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 10900832
Signed: Don Baldrige
Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

