



CONSTRUCTION EQUIPMENT

SWA326804 US STEEL VOLVO A25G 742366 - FRONT AXLE



Sample No: VCP410329
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: SWA326804 US STEEL



ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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SAMPLE INFORMATION

Sample Number	VCP410329	VCP341303	VCP329496	---
Sample Date	21 Aug 2023	02 Nov 2021	11 Oct 2021	---
Machine Hours	0	1636	1635	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	ATTENTION	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	104	353	61.7	---
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CONTAMINATION

Silicon	ppm	2	<1	2	---
Sodium	ppm	2	0	9	---
Potassium	ppm	2	0	4	---



WEAR METALS

Iron	ppm	92	0	294	---
Copper	ppm	15	0	32	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	<1	0	6	---
Chromium	ppm	2	0	6	---
Molybdenum	ppm	3	0	18	---
Nickel	ppm	<1	0	3	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	6	0	11	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	229	<1	18	---
Magnesium	ppm	4	0	<1	---
Zinc	ppm	117	0	0	---
Phosphorus	ppm	1357	1050	1432	---
Barium	ppm	0	0	0	---
Boron	ppm	333	242	209	---

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: VOLVO8885
Unique No: 10619181
Signed: Don Baldrige
Report Date: 26 Aug 2023



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GRAPHS

