



CONSTRUCTION EQUIPMENT

VOLVO A45G 79 (S/N 342558) - BOGIE/CENTER AXLE



Sample No: VCP06152673
Oil Type: SHELL SPIRAX HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP06152673	VCP397352	---	---
Sample Date	02 Apr 2024	20 Feb 2023	---	---
Machine Hours	0	10761	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

J.M. HUBER
 10322 HWY 53 E
 MARBLE HILL, GA
 US 30148
 Contact: GEORGE GIBSON
 george.gibson@huber.com
 T: (770)893-7602
 F:



OIL CONDITION

Visc @ 40°C	cSt	123	49.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	6	---	---
Sodium	ppm	4	6	---	---
Potassium	ppm	3	1	---	---



WEAR METALS

Iron	ppm	102	309	---	---
Copper	ppm	3	15	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	1	3	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	5	10	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	101	199	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	28	94	---	---
Phosphorus	ppm	1181	2054	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	318	186	---	---

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: JMHMAR
Unique No: 10982751
Signed: Sean Felton
Report Date: 22 Apr 2024



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GRAPHS

