



CONSTRUCTION EQUIPMENT

18965 VOLVO A45G 353358 - BOGIE/CENTER AXLE



Sample No: VCP410412
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 18965



SAMPLE INFORMATION

Sample Number	VCP410412	VCP395628	---	---
Sample Date	29 Jun 2023	21 Feb 2023	---	---
Machine Hours	984	506	---	---
Oil Hours	984	506	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

GAINES & CO

526 THREE SISTERS RD
 KNIGHTDALE, NC
 US 27545

Contact: BEAR PERONE
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 T: (919)524-4711
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OIL CONDITION

Visc @ 40°C	cSt	51.0	51.2	---	---
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CONTAMINATION

Silicon	ppm	1	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	3	---	---



WEAR METALS

Iron	ppm	205	237	---	---
Copper	ppm	0	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	3	---	---
Molybdenum	ppm	6	7	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	90	104	---	---
Magnesium	ppm	0	5	---	---
Zinc	ppm	41	51	---	---
Phosphorus	ppm	2432	2419	---	---
Barium	ppm	0	0	---	---
Boron	ppm	281	300	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

Depot: GAIKNI
Unique No: 10552869
Signed: Don Baldrige
Report Date: 14 Jul 2023



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GRAPHS

