



CONSTRUCTION EQUIPMENT

18965 VOLVO A45G 353358 - REAR AXLE



Sample No: VCP409394
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 18965



SAMPLE INFORMATION

Sample Number	VCP409394	VCP395627	---	---
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	---	---

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 526 THREE SISTERS RD
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OIL CONDITION

Visc @ 40°C	cSt	51.4	51.5	---	---
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CONTAMINATION

Silicon	ppm	2	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	6	---	---

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.



WEAR METALS

Iron	ppm	217	229	---	---
Copper	ppm	0	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	4	3	---	---
Molybdenum	ppm	5	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	264	243	---	---
Magnesium	ppm	0	4	---	---
Zinc	ppm	133	121	---	---
Phosphorus	ppm	2397	2341	---	---
Barium	ppm	0	0	---	---
Boron	ppm	278	286	---	---

Depot: GAIKNI
Unique No: 10552862
Signed: Don Baldrige
Report Date: 14 Jul 2023



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GRAPHS

