



CONSTRUCTION EQUIPMENT

19096 VOLVO A45G 353355 - REAR AXLE



Sample No: VCP426885
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19096



SAMPLE INFORMATION

Sample Number	VCP426885	VCP425600	---	---
Sample Date	07 Jul 2023	03 Apr 2023	---	---
Machine Hours	946	558	---	---
Oil Hours	946	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	51.5	51.6	---	---
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CONTAMINATION

Silicon	ppm	7	4	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	7	5	---	---

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	237	130	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	4	2	---	---
Molybdenum	ppm	7	5	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	109	127	---	---
Magnesium	ppm	3	10	---	---
Zinc	ppm	50	61	---	---
Phosphorus	ppm	2357	2383	---	---
Barium	ppm	0	0	---	---
Boron	ppm	295	298	---	---

Depot: GAIKNI
Unique No: 10552881
Signed: Sean Felton
Report Date: 14 Jul 2023



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GRAPHS

