



CONSTRUCTION EQUIPMENT

19096 VOLVO A45G 353355 - FRONT AXLE



Sample No: VCP426892
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19096



SAMPLE INFORMATION

Sample Number	VCP426892	VCP425598	---	---
Sample Date	07 Jul 2023	03 Apr 2023	---	---
Machine Hours	946	558	---	---
Oil Hours	946	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

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

Silicon	ppm	2	4	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	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	251	161	---	---
Copper	ppm	0	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	4	3	---	---
Molybdenum	ppm	8	16	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	11	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	137	101	---	---
Magnesium	ppm	0	10	---	---
Zinc	ppm	62	51	---	---
Phosphorus	ppm	2447	2402	---	---
Barium	ppm	0	0	---	---
Boron	ppm	256	288	---	---

Depot: GAIKNI
Unique No: 10552864
Signed: Don Baldrige
Report Date: 14 Jul 2023



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GRAPHS

