



CONSTRUCTION EQUIPMENT

VOLVO A30G 742411 - DROP BOX



Sample No: VCP439109
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP439109	VCP303602	VCP282925	---
Sample Date	22 Feb 2024	21 Apr 2021	26 May 2020	---
Machine Hours	5942	3024	2049	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	NORMAL	ABNORMAL	ATTENTION	---

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OIL CONDITION

Visc @ 40°C	cSt	154	228	51.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	3	27	---
Sodium	ppm	2	2	5	---
Potassium	ppm	0	<1	0	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	19	20	56	---
Copper	ppm	0	<1	<1	---
Lead	ppm	0	0	3	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	7	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	5	10	6	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	58	87	55	---
Magnesium	ppm	28	21	<1	---
Zinc	ppm	164	64	122	---
Phosphorus	ppm	719	933	919	---
Barium	ppm	0	0	0	---
Boron	ppm	121	156	88	---

Depot: VOLVO0096
Unique No: 10896991
Signed: Don Baldrige
Report Date: 26 Feb 2024



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GRAPHS

