



CONSTRUCTION EQUIPMENT

7198 IMERYS VOLVO A30G 742632 - BOGIE/CENTER AXLE



Sample No: VCP437788
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 7198 IMERYS



364 - ASCENDUM MACHINERY INC - MACON
4807 HARRISON RD
MACON, GA
US 31206
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SAMPLE INFORMATION

Sample Number	VCP437788	VCP401730	VCP319991	---
Sample Date	11 Dec 2023	31 Jan 2023	28 Mar 2022	---
Machine Hours	4084	3013	2052	---
Oil Hours	0	300	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ATTENTION	ATTENTION	ATTENTION	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 208	▲ 211	▲ 69.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ 2	■ 3	■ 4	---
Sodium	ppm	■ 2	■ 0	■ 4	---
Potassium	ppm	■ 0	■ 2	■ <1	---



WEAR METALS

Iron	ppm	■ 114	■ 109	■ 228	---
Copper	ppm	■ 10	■ 10	■ 20	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ <1	■ <1	■ 1	---
Aluminum	ppm	■ 0	■ 2	■ <1	---
Chromium	ppm	■ 2	■ 2	■ 4	---
Molybdenum	ppm	■ 1	■ 2	■ 5	---
Nickel	ppm	■ <1	■ 2	■ 2	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ 4	■ 3	■ 14	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	■ 195	■ 182	■ 692	---
Magnesium	ppm	■ <1	■ 2	■ 1	---
Zinc	ppm	■ 81	■ 85	■ 273	---
Phosphorus	ppm	■ 1108	■ 905	■ 1469	---
Barium	ppm	■ 0	■ 0	■ 0	---
Boron	ppm	■ 162	■ 136	■ 169	---

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 oil viscosity is higher than normal. Confirm oil type.

Depot: ASCMAC
Unique No: 10844627
Signed: Don Baldrige
Report Date: 24 Jan 2024



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GRAPHS

